vivanco

○ COMPUTER-ACCESSORIES 2008

Technology for Lifestyle

Vivanco offers its retail partners the ideal combination of high-quality products, efficient service, reliable partnership and attractive conditions. Vivanco is one of the leading providers for equipment and connecting accessories – in terms of both the width and the depth of its product lines.

Vivanco has been expanding its service offering for specialist retailers successfully, covering almost the entire value chain along the retail process. From development and manufacturing of new products over logistics, marketing and sales, all the way to product line support at the P.O.S. (Point of Sale). With the company's sense for trends, its well-founded knowledge of production markets, extensive marketing know-how and targeted retailer support, Vivanco is the ideal system service provider and partner for specialist retailers for innovative, market-driven products, P.O.S. service, and ideas. This combination allows retailers to tap their full sales potential

Vivanco, for maximum effectiveness and competitiveness

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Technology for Lifestyle

A New Brand Strategy for PC Accessories

New markets and new target groups compelled us to revise our brand strategy for the PC and GSM accessories sector. The well-established Vivanco brand is powerful and widely known in the CE accessories market while the new bazoo brand more and more gains a hold in the PC and GSM sectors. This is why Vivanco decided to establish a two-brand strategy in these two product ranges, aiming at an optimised target group orientation.

Both brands are used to launch state-of-the-art and innovative products. The bazoo brand will additionally cover those products that due to their shape, colour, design or technology address new and specific target groups.

In the process of product line establishment, we will also harmonise the appearance of the outer packagings:

Input Devices

Input Devices – One Click Ahead®

Vivanco's range of input devices offers the right product for any need!
The growing market for PC accessories or PC input devices offers new opportunities to increase sales and profits. The groundbreaking laser technology has been conquering the area of computer mice. Vivanco is the first vendor to offer a complete range from the beginner mouse to high end wireless products – faster and more comprehensive than our market-leading competitors! No need to mention that Vivanco also offers interesting products for beginners or, under the bazoo label, design-oriented and technology-oriented goods for users who prefer the unusual.
In the area of keyboards, Vivanco sets the course with several premium design keyboards, while covering all other segments with very attractive items.
The packaging optimised in line with the new corporate design rules supports a rapid orientation in the shelf:

Pallet-optimised
- Always ideal for promotions

Stackable – Placeable – Hangable (blister)
- Can be used for any sales situation
- Ideal for multiple placements

Product stands in the foreground – simple pictogram language
- Easy and fast information for the dealer and the final customer

Only 2 packaging layouts
Attractively priced standard promotion articles (white/grey)
and technologically/optically advanced products (white/blue or bazoo)

=> Focus is on essential information at the POP!

What information does the short designation for mice contain?
e. g.: MSFLC 10 RD

B	MS	F	L	C	10	RD
Label	Category	Transfer	Sensor	Connection	Model	Colour
NBK = Notebook	MS = Mouse	F = Radio	L = Laser	C = Combo	consecutive	RD = red
B_ = bazoo		without = cable	O = optical	U = USB	number	BK = black
without = Vivanco			without = ball	P = PS/2		SI = silver
						BL = blue
						etc.

What information does the short designation for keyboards contain?
e.g.: B_KB MM USB 10

B_	KB	MM	USB	10
Label	Category	Feature	Connection	Model
B_ = bazoo	KB = wired	OFF = Office	USB = USB Connection	consecutive number
without = Vivanco	WB = wireless	MM = Multimedia	C = Combo	or
		ST = Standard	without = PS/2 Connection	Material/Form/Colour
				(e.g. ALU, WING, BLUE)

Input Devices

Keyboards

new **KB MM SLIM**   ctn qty. 10   EDP-No. 22478
Multimedia Slimboard

Ultra-slim multimedia keyboard in elegant piano finish!

- 12 shortcut keys for fast access to multimedia, internet and Windows functions:
    - Play/Pause, Volume +/-, Mute
    - Open Internet Explorer, mail application, Favourites, Search function
    - Open My Computer, open Calculator, shutdown PC
- Low-rise keys for effortless typing
- Separate numeric keypad for easy typing of numerals
- USB connection
- Incl. driver software
- For Windows® 98SE, ME, 2000, XP and Vista
- Packaging: cardboard box

USB   Programmable Keys   IncL Driver   Operating Systems   Operating Systems

new **KB MM LIGHT**   ctn qty. 10   EDP-No. 23239

Lightboard

Multimedia Keyboard with blue backlight

- Blue key backlight (can be switched off)
- 9 multimedia and internet hotkeys
- USB connection
- For Windows® 98SE, 2000, ME, XP, Vista
- Packaging: cardboard box

USB   Blue Illumination   Multimedia Keys   IncL Driver   Operating Systems   Operating Systems

KB ST   ctn qty. 20   EDP-No. 11459

Compact Keyboard

- Standard PS/2 keyboard
- 3 Windows® power keys (Sleep, Wake up, and Power down)
- For Microsoft® Windows®95, 98, 2000, ME, NT, XP
- Package: cardboard box

PS/2   Operating Systems   Operating Systems   Operating Systems

Input Devices

Keyboards

KB USB SET BK
USB Desktop Set

ctn qty. 10   EDP-No. 22547 **new**

Attractive entry-level set for all PC users

- Standard keyboard with USB connection and 3 Windows® power keys
- Optical USB mouse with 800 dpi resolution
- Supports Windows® 98SE / 2000 / ME / XP and Vista
- Packaging: cardboard box

Input Devices

USB   **Optical System**   **800 dpi** Resolution   **WIN VISTA** Operating Systems   **FOR WIN 98SE 2000 ME XP** Operating Systems

B_KB USB ALU
bazoo Metalboard

ctn qty. 10   EDP-No. 23500 **new**

The bazoo Metalboard offers outstanding features and the highest quality! The solid aluminium front makes the Metalboard quite unique.
Its scissor-type keys make typing a real joy, and the brushed aluminium with the dimly lit bazoo logo makes the bazoo Metalboard the ideal asset for elegant and design-oriented working environments.

The USB connections lets you instantly put the bazoo Metalboard into operation with almost any operating system: be it Windows® 98SE, Windows® Vista, MacOS (version 9.x or later) or Linux – simply plug in and off you go!

- Solid aluminium front, ca. 3 mm thick
- Real scissor-type keys for convenient typing
- High-speed USB 2.0 connection
- Blue illuminated bazoo logo
- Transparent cable
- German keyboard layout
- Packaging: cardboard box

USB B UNIVERSAL SERIAL BUS   USB CONNECTION   **REAL SCISSOR KEYS**   **WinXP WinVista** SUPPORTED OPERATING SYSTEMS   **MacOS9.x Linux** SUPPORTED OPERATING SYSTEMS

B_KB MM MEDIA
bazoo Mediaboard

ctn qty. 10   EDP-No. 23250 **new**

Compact multimedia keyboard with USB port

- Lateral USB 2.0 port for connecting any USB device
- Integrated wrist rest for comfortable typing
- 8 multimedia, 8 internet and 2 system hotkeys
- Requires 2 USB ports for keyboard and USB port
- For Windows® 98SE, 2000, ME, XP, Vista
- Packaging: cardboard box

USB B UNIVERSAL SERIAL BUS   USB CONNECTION   **USB PORT**   **18** HOT KEYS   **FOR WIN 98SE 2000 ME/NT XP** OPERATING SYSTEMS   **FOR WIN VISTA** OPERATING SYSTEMS

Input Devices

Keyboards

bazoo

new **B_KB MM BLUE**   ctn qty. 10   EDP-No. 23230
bazoo Blueboard

Elegant design keyboard in aluminium look

- Lateral USB 2.0 port for connecting any USB device
- Integrated wrist rest for comfortable typing
- 4 multimedia keys for volume control and PC shutdown
- Scissor-type keys in notebook style for convenient typing
- Requires PS/2 connection for the keyboard, USB connection for USB port
- For Windows® 95, 98, 2000, ME, NT, XP, Vista
- For Linux kernel 2.6.x.y and later
- Packaging: cardboard box

PS/2 CONNECTION   REAL SCISSOR KEYS   USB PORT   FOR WIN 98SE 2000 ME/NT XP OPERATING SYSTEMS   FOR WIN VISTA OPERATING SYSTEMS

bazoo

new **B_KB OFF WING**   ctn qty. 10   EDP-No. 22858
bazoo Wingboard

Compact keyboard in cockpit design

- Integrated USB port (USB 2.0) for temporary connection of USB devices
- 18 Office, 5 multimedia and 5 internet keys for penultimate efficiency
- Scroll wheel for easy and fast access to long documents
- Extractable numeric keypad for easy typing of numerals
- Requires 1 USB port for keyboard and USB port each
- For Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- Packaging: cardboard box

USB CONNECTION   HOTKEYS 26   EXTRACTABLE KEYPAD   USB PORT   FOR WIN 98SE 2000 ME/NT XP OPERATING SYSTEMS   FOR WIN VISTA OPERATING SYSTEMS

Input Devices

Mice

Innovative laser technology for precise results – Vivanco: One Click Ahead® for precise results

Laser technology – why?

The use of a laser for scanning a tabletop surface enhances the precision and thus the pointer movement accuracy – resembling the advantage of a mouse with an optical sensor over a ball mouse. This further performance boost makes the mouse an outstanding tool for gamers, graphical designers and CAD users but also for the business user and all those who wish to do away with the notorious mousepad on the desktop – because with laser technology you can operate your mouse on 99.9% of all surfaces!

The Laser Technology Principle

An optical sensor detects the beam transmitted by the corresponding LED and reflected by the desktop surface. The laser sensor works the same way but since the laser beam is much better focused, the reflection result is by far more precise.

Laser Technology
Laser Sensor
Laser Diode
Penetrative Light

Optical Technology
Sensor
LED
Lens
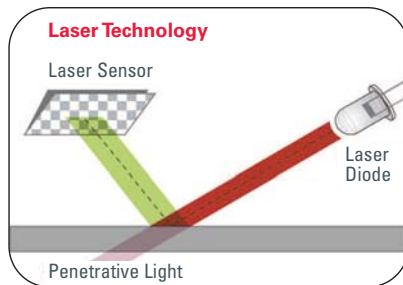
Concentrated laser beam for more precise scanning results.
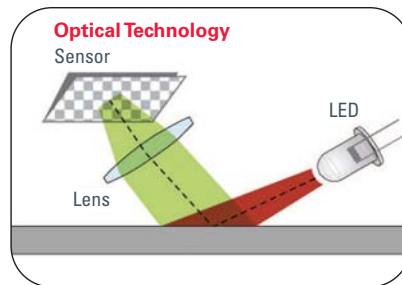
Dispersed LED light with faded scanning results.
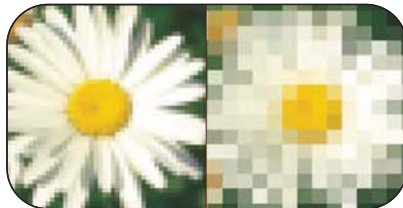
Finer structures as a result of laser technology.
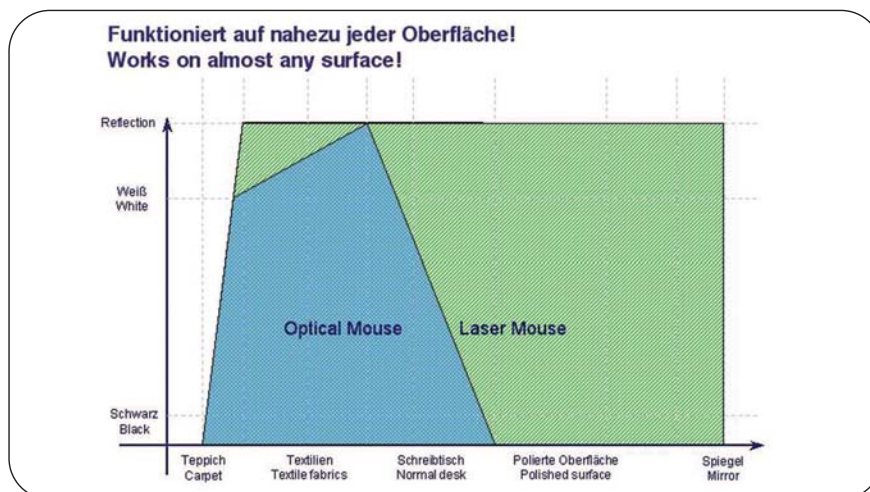
Enhanced precision scanning – works on virtually any surface
Sharper scan result – enhanced precision
Higher resolution – ideal for gamers, graphic artists, business users etc.

Input Devices

Mice

new **MSFLU 25**　　　　　　　　　　　　ctn qty. 10　　EDP-No. 23236
Laser FM Velvet

Now in a wireless variant featuring the latest laser technology – the Laser FM Velvet combines the successful concept of the Optical Red Velvet with the convenience of a wireless unit and the highest laser precision! The enclosed charger ensures the integrated Li-Polymer battery is quickly recharged and also features 2 USB ports!

- USB connection
- Max. resolution of 1,600 dpi for highest precision (can be switched to 800 dpi)
- 2 radio channels for interference-free operation
- Integrated LI-Polymer battery for optimum operating time
- 6 keys (3 programmable) incl. scroll wheel
- For Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- Packaging: cardboard box

| USB | 800 dpi 1600 Resolution Switch | Wireless FM | 2/256 Channels/IDs | LI-POLY Built-In Rechargeable Battery | 1,8 m Max. Distance | 4 Programmable Buttons | Built-In USB Hub | 98SE 2000 ME XP WIN Operating Systems | VISTA WIN Operating Systems |

new **MSLU 10**　　　　　　　　　　　　ctn qty. 20　　EDP-No. 22553
Laser Mouse

With the new Laser Mouse you can work on almost any surface. Fast reaction and precise movement are not a problem. Due to the switchable resolution (1,000/2,000 dpi), the Vivanco Laser Mouse is suitable for all applications.

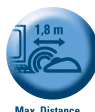- Laser sensor with a resolution of 1,000/2,000 dpi
- 3 buttons with scroll wheel
- USB connection
- For Windows® 98SE/2000/ME/XP and Vista
- For Mac OS 9.x and later
- For Linux 2.6.x.y. and later
- Packaging: cardboard box

| USB | 1000/2000 dpi Resolution | 3 Buttons and Scroll Wheel | 98SE 2000 ME XP WIN Operating Systems | VISTA WIN Operating Systems | MAC OS 9.x Operating Systems | LINUX 2.6.x.y. Operating Systems |

new **MSOOC 15**　　　　　　　　　　　ctn qty. 10　　EDP-No. 23235
Optical Red Velvet

Exclusive design, 5 programmable keys and a special soft touch surface – these are the outstanding features of the Optical Red Velvet Mouse. Fatigue-free working even over longer periods of time and direct access to frequently used functions make this mouse an ideal companion for your daily work. Special surface for relaxed working, even after longer periods of time

- Connects to USB or PS/2 port (adapter enclosed)
- 800 dpi resolution
- 5 programmable buttons (2 preset buttons, which, however, can be reprogrammed with the enclosed driver software)
- Scroll wheel can be programmed as third mouse button
- Incl. driver and manual
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP, Vista
- Packaging: blister

| USB | PS/2 | 800 dpi Resolution | 5 Buttons | Click and Scroll Wheel | 95/98SE 2000 ME XP WIN Operating Systems | VISTA WIN Operating Systems |

Input Devices

Mice

MSFOU 10
Optical FM Mouse

ctn qty. 20   EDP-No. 22552 **new**

Attractive optical entry-level mouse

- Compact receiver with USB connection
- Resolution: 800 dpi
- 1 radio channel with 256 ID codes, reach: 1.5 m
- Automatic power saving mode
- 3 buttons with scroll wheel
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: cardboard box

Input Devices

USB	Resolution	Wireless FM	Channels/IDs	3 Buttons and Scroll Wheel	Max. Distance	Power Saving	Operating Systems	Operating Systems	Operating Systems	Operating Systems
USB	800 dpi		1/256		1,5 m	ON/OFF	FOR WIN 98SE 2000 ME XP	FOR WIN VISTA	FOR MACOS 9.x	FOR LINUX 2.6.x.y.
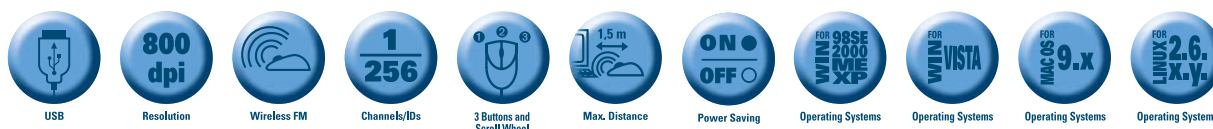
MSOC Display
Optical Soft Touch Mouse Display

ctn qty. 18   EDP-No. 19931

The special coating of the Optical Soft Touch Mouse allows for comfortable playing or working – and the USB-PS/2 combo plug ensures freedom of connection.

- Connection to USB and PS/2 ports
- 800 dpi resolution
- Programmable click & scroll wheel
- Colour distribution: 12 off black, 3 off blue, 3 off white
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP, Vista
- Packaging: blister

USB	PS/2	Resolution	3 Buttons and Scroll Wheel	Operating Systems	Operating Systems	Operating Systems	Operating Systems
USB	PS/2	800 dpi		FOR 95/98SE 2000 ME XP	FOR WIN VISTA	FOR MACOS 9.x	FOR LINUX 2.6.x.y.

MSOU 10
Optical USB Mouse

ctn qty. 10   EDP-No. 22859 **new**

Attractive optical entry-level mouse

- USB connection
- 800 dpi resolution
- 3 buttons with scroll wheel
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: cardboard box

USB	Resolution	Click and Scroll Wheel	Operating Systems	Operating Systems	Operating Systems	Operating Systems
USB	800 dpi		FOR WIN 98SE 2000 ME XP	FOR WIN VISTA	FOR MACOS 9.x	FOR LINUX 2.6.x.y.

Input Devices

Mice

new **B_MSLU G** ctn qty. 5 EDP-No. 23503

bazoo "Excalibur" Laser Gaming Mouse

Exclusive Laser Gaming Mouse in carbon design
The switchable resolution and the weight modules let you optimally adapt the mouse to any game situation

- 3 weight modules (10 g, 15 g, 20 g) for 8 different total weights
- LEDs indicate the selected resolution and the inserted weights
- Special pads for optimum sliding properties
- High-quality micro switches for fastest signal transmission
- USB connection with gold-plated plug
- 4 selectable resolutions, 400 – 2,400 dpi
- 5 buttons with scroll wheel (programmable)
- For Windows® 98SE, 2000, ME, XP, Vista

| USB CONNECTION | 400 2.400 400 - 2.400 dpi ADJUSTABLE SENSITIVITY | 0-45g ADDITIONAL WEIGHT | LASER RESOLUTION &WEIGHT DISPLAY | 7 SEVEN BUTTONS | BAG FOR WEIGHT MODULES | 98SE 2000 ME/NT XP OPERATING SYSTEMS | VISTA OPERATING SYSTEMS |

Notebook Mice

new **NBK MSFOU** ctn qty. 5 EDP-No. 22235

Optical FM Notebook Mouse

- Receiver with USB connection
- For transport, the receiver can be fastened underneath the mouse
- 800 dpi resolution
- 3 buttons with scroll wheel
- Special coating of lateral surfaces for optimum grip
- On/Off switch for manual power saving
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later

| USB | 800 dpi Resolution | Optical Sensor | Wireless FM | 3 Buttons | 98SE 2000 ME XP Operating Systems | VISTA Operating Systems | 9.x Operating Systems | 2.6. x.y. Operating Systems |

new **NBK MSOU 10** ctn qty. 5 EDP-No. 23241

Optical Notebook Mouse

Ergonomic 5-button notebook mouse

- USB connection
- 800 dpi resolution
- 5 buttons with scroll wheel (programmable, software available for downloading)
- Special coating of lateral surfaces for optimum grip
- Automatic cable reeler for space saving mouse transport
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later

| USB | 800 dpi Resolution | 0,75m Reeler Cable | 5 Buttons | Click and Scroll Wheel | 98SE 2000 ME XP Operating Systems | VISTA Operating Systems | 9.x Operating Systems | 2.6. x.y. Operating Systems |

Notebook Mice

NBK MSOC 30 RDC
Optical Mini Hot Rod Display

ctn qty. 6   EDP-No. 22554

The Optical Notebook Hot Rod – a homage to the chrome-decorated cars of the 1950ies and 1960ies.
In red, silver and black it ideally complements every notebook and every design desk.

- USB or PS/2 connection possible (adapter enclosed)
- 800 dpi resolution
- Programmable scroll wheel
- 3 colours (red, black, silver) per display
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP and Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: blister

Input Devices

USB	PS/2	Resolution	Click and Scroll Wheel	Operating Systems	Operating Systems	Operating Systems	Operating Systems
		800 dpi		FOR 95/98 WIN 2000 ME NT XP	FOR WIN VISTA	FOR MACOS 9.x	FOR LINUX 2.6.x.y.

B_MSLU NANO
bazoo Nano Laser Mouse

ctn qty. 6   EDP-No. 23501   new

- USB connection
- Switchable resolution (1,000/2,000 dpi)
- 3 buttons with scroll wheel
- Automatic cable reeler for space saving mouse transport
- Colour distribution: 2x red, 2x blue, 2x black
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later
- Packaging: blister (in retail display carton)

bazoo

USB CONNECTION	RESOLUTION SWITCH	LASER TECHNOLOGY	REELER SYSTEM	SUPPORTED OPERATING SYSTEMS	SUPPORTED OPERATING SYSTEMS	SUPPORTED OPERATING SYSTEMS	SUPPORTED OPERATING SYSTEMS	
USB B UNIVERSAL SERIAL BUS	1.000 DPI 2.000			Win98SE WinME	Win2000 WinXP	WinVista	MacOS Linux	World´s Smallest Laser Mouse
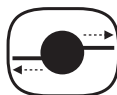
PC Audio

Vivanco PC audio sets new standards

Product range update

The market for PC audio accessories is one of the fastest-growing areas in the computer accessories segment. Vivanco has recognized this trend and with its new 2.1 Speaker Systems is again setting standards in this growth market, driven mainly by the areas of "Gaming – Playing games on the PC", "DVD – Watching movies on the PC", and "MP3 – Listening to music on the PC". The high margin product line of PC headsets furthermore offers new attractive products for the segments "PC Gaming" and "Voice over IP".

The packaging concept

The update of the product range went hand in hand with a complete make-over and optimization of the packaging design for the PC audio range. A clearly structured packaging, meaningful photos and easily understandable pictograms support the consumers' orientation and make it easier to find the right product.
For the PC headsets, we adopted the successful packaging concept for our webcams. An all transparent blister box allows the customer to completely appraise the product without having to unpack it.

Clear design focusing on the product

Distinction from the competition and product highlighting

Simple pictogram language

Easy and fast information for the dealer and the final customer

Only 2 packaging layouts

Price/technology entry level (white-grey) and sophisticated technology/design (white-blue)
=> easy orientation, distinction and recognisability in the PC input device sector.

The names used are taken from Nordic Mythology and perfectly fit the products and target groups assigned to them!

Name	Meaning	Use
ODIN	The Father of the Gods	High end loudspeakers
THOR	The God of Thunder	Powerful 3-channel loudspeaker system
FREYA	The Goddess of Beauty	Design loudspeakers (e.g. aluminium)
MIDGARD	The world of man	Entry-level loudspeakers
WALHALLA	The heroes' hall of fame	Gaming headsets
ASGARD	The world of gods	VoIP headsets
FENRIS	The Giant Wolf	Standard headsets
LOKI	The God of Mischief	Entry-level headsets and microphones

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What information does the abbreviated designation of loudspeakers and headsets convey?
e.g.: SP 2.1 350 THO

SP	2.1	350	THO
Category	**Channel**	**Feature**	**Name**
SP = speaker	2.1 = 3-Channel	DSP = Sound processor	THO = Thor
HM = headset	5.1 = 6-Channel	or	ODI = Odin
MF = microphone	Without = 2-Channel	Consecutive Number	VOIP = Voice over IP
			GAME = Gaming

Speaker Systems "Odin"

Design MP3 Amplifer System "Odin"
MP3 amplifier system SP MP3 AMP ODIN

ctn qty. 2   EDP-No. 22161 **new**

Due to its 2-way satellites and the amplifier module, the "ODIN" MP3 amplifier system is likewise ideal for playing back singing, jazz or acoustic instruments – combined with an elegant appearance that optimally blends into any living or working environment!
The enclosed bay lets you directly connect any iPod, Microsoft Zune or other MP3 player to the system. The acrylic stand also supplied serves as a shelf for any other stereo source (e.g. MP3 players, portable CD players, HD players, etc.) that connect to the amplifier via a 3.5 mm phone jack cable.

- Music output: 40 Watt RMS
- Ideal playback of singing, jazz, acoustic instruments, etc.
- Enclosed bay lets you connect an iPod/Zune/etc.
- Other stereo sources connect with a 3.5 mm phone jack cable (enclosed)
- High-quality cables for optimum sound transmission
- Volume and balance controls on the amplifier
- Magnetically shielded satellites
- Frequency range: 40 – 22,000 Hz
- External power pack with euro plug
- Amplifier dimensions: 300 x 165 x 95 mm,
  satellite dimensions: 250 x 183 x 170 mm
- Packaging: cardboard box

| 40 Watt RMS | 400 Watt P.M.P.O. | Vocals Acoustic Jazz Best for | MP3 Player Holder |
| Volume Adjustment | Balance | ø 3,5 mm Audio Plug | Magnetically Shielded Satellite Shielding |

PC Audio

Design 2.1 Speaker System "ODIN"
Multi-Channel Subwoofer System SP 2.1 ODI

ctn qty. 2   EDP-No. 22160 **new**

Multi-channel subwoofer system with an excellent and well-balanced sound and a modern acrylic design. With an output power of 200 Watt p.m.p.o. and an optimally balanced sound, this speaker system is the ideal device for all enthusiasts of songs, jazz, instrumental music, etc.

- 25 Watt RMS output
- Frequency range 40 – 22,000 Hz
- Impedance: 4 Ω
- 4" speaker in the subwoofer, 3" speaker in the satellites
- Subwoofer with high-end MDF case
- Satellites with clear transparent acrylic front
- Includes a wired remote control for easy volume control; with integrated 3.5 mm jack for directly hooking up external stereo devices (e.g. MP3 player)
- External power pack with euro plug
- Magnetically shielded
- Dimensions: Subwoofer 250 x 250 x 250 mm
              Satellites 115 x 125 x 115 mm
- Packaging: cardboard box

| 25 Watt RMS | 200 Watt P.M.P.O. | Vocals Acoustic Jazz Best for | Remote Control |
| Volume Adjustment | Wooden Housing Subwoofer Material | ø 3,5 mm Audio Plug | Magnetically Shielded Satellite Shielding |

Speaker Systems "Thor"

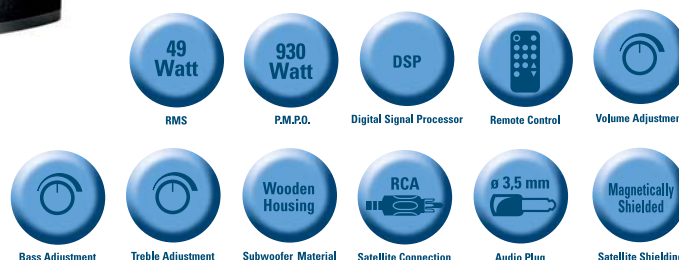**new** **2.1 Speaker System "Thor DSP"** ctn qty. 2 EDP-No. 21927
Multi-Channel Subwoofer System SP 2.1 DSP THO

Thor – the Nordic God of Thunder gives this high-quality 2.1 sound system with integrated sound processor its name. Real 49 W (RMS) music output, a large 5.25" subwoofer and 6 different DSP modes ensure harmonious, rich and optimally adjustable playback for games, videos, MP3 and more!
All stereo signals from sources such as sound cards, MP3 players, HD players etc. with 3.5 mm output jacks are reproduced with impressive quality.

- 49 W RMS (930 W p.m.p.o.) music output
- Infrared remote control
- Wooden satellite and subwoofer cases
- Digital display of volume/bass/treble/DSP mode
- Connection with 3.5 mm phone jack cable (enclosed)
- Satellite connection with RCA lead
- DSP mode, volume, treble and bass can be set on the subwoofer
  and via remote control
- Magnetically shielded satellites
- Frequency range: 35 – 18,000 Hz
- External power pack with euro plug
- Subwoofer dimensions: 225 x 295 x 245 mm
- Satellite dimensions: 110 x 130 x 140 mm
- Packaging: cardboard box

49 Watt	930 Watt	DSP		
RMS	P.M.P.O.	Digital Signal Processor	Remote Control	Volume Adjustment

		Wooden Housing	RCA	ø 3,5 mm	Magnetically Shielded
Bass Adjustment	Treble Adjustment	Subwoofer Material	Satellite Connection	Audio Plug	Satellite Shielding

2.1 Speaker System "Thor 350" ctn qty. 2 EDP-No. 21926
Multi-Channel Subwoofer System SP 2.1 350 THO

350 Watts PMPO multi-channel subwoofer system. Suitable for connection to PCs, MP3 players and other stereo sources.

- Music output: 45 Watts RMS (350 W p.m.p.o.)
- Frequency range 45 Hz – 18 kHz
- Impedance: 4 Ω
- 4" loudspeaker (subwoofer) / 2 off 3" loudspeakers (satellites)
- Extra large blue illuminated rotary volume control on
  the subwoofer
- Subwoofer and satellites with high-quality MDF cases
- Internal 230 V / 50 Hz power supply
- Magnetically shielded
- Dimensions: Subwoofer approx. 180 x 245 x 190 mm
              Satellites approx. 115 x 125 x 115 mm
- Packaging: cardboard box

45 Watt	350 Watt		
RMS	P.M.P.O.	Volume Adjustment	Bass Adjustment

Wooden Housing	RCA	ø 3,5 mm	Magnetically Shielded
Subwoofer/Satellite Material	Satellite Connection	Audio Plug	Satellite Shielding

Speaker Systems "Thor"

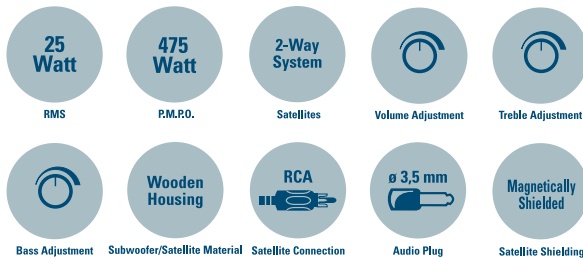**2.1 Speaker System "Thor 250P"**   ctn qty. 2   EDP-No. 21344
Multi-Channel Subwoofer System PRO SP250 THO

Powerful 2.1 subwoofer sound system with a real music output of 25 W RMS. With its 2-way
satellites and the huge 5.25" subwoofer, the Thor 2.1 250P system ensures rich sound playback
for games, videos, MP3 and more!

- Total music output: 25 W RMS
- Frequency range 30 Hz – 20 kHz
- Impedance 4 Ω (subwoofer) / 6 Ω (satellites)
- 5.25" loudspeaker (subwoofer) / 1"+ 3" loudspeakers (satellites)
- Cable remote control for convenient volume adjustment
- Subwoofer and satellites with high-quality MDF cases
- Internal 230 V / 50 Hz power supply
- Magnetically shielded
- Dimensions: Subwoofer approx. 212 x 221 x 239 mm
                        Satellites approx. 119 x 154 x 122 mm
- Packaging: cardboard box

PC Audio

25 Watt	475 Watt	2-Way System	Volume Adjustment	Treble Adjustment
RMS	P.M.P.O.	Satellites		

Bass Adjustment	Wooden Housing	RCA	ø 3,5 mm	Magnetically Shielded
	Subwoofer/Satellite Material	Satellite Connection	Audio Plug	Satellite Shielding

Design Speaker Systems "Freya"

Design 2.1 Speaker System "Freya"   ctn qty. 4   EDP-No. 19007
Multi-Channel Subwoofer System SW 2.1 TFT

The wooden subwoofer and the special aluminium satellites ensure a balanced sound and perfectly
match modern flat screens and PC workstations. In spite of its compact satellites, the Freya 2.1 TFT
system impresses with an extraordinary sound. All stereo signals from sources such as sound cards,
MP3 players, HD players etc. with 3.5 mm output jacks are reproduced with impressive quality.

- Music output: 18 Watt RMS
- Frequency range 70 Hz – 20 kHz
- Dimensions   Subwoofer: 140 x 140 x 160 mm
                        Satellites: 50 x 170 x 90 mm
- Satellites entirely made of aluminium
- Excellent sound in a compact case
- Illuminated satellite feet and subwoofer front
- Subwoofer is small enough to fit on a table
- On/Standby switch & LED power indicator
- Bass control
- External 230 V/50 Hz Euro wall power supply
- Packaging: cardboard box

18 Watt	140 Watt	Volume Adjustment	Bass Adjustment
RMS	P.M.P.O.		

Wooden Housing	Aluminium Housing	ø 3,5 mm	Magnetically Shielded
Subwoofer Material	Satellite Material	Audio Plug	Satellite Shielding

PC Audio

Design Speaker Systems "Freya"

Design Speaker System "Freya"   ctn qty. 10   EDP-No. 19004
2.0 Aluminium Loudspeaker ASC X1 TFT

Multimedia loudspeakers with solid aluminium housing. The special retractable loudspeakers perfectly match modern flat screens and PC workstations. Their space-saving design also makes them ideal for mobile notebook application. All stereo signals from sources such as sound cards, MP3 players, HD players etc. with 3.5 mm output jacks are reproduced with impressive quality.

- Bass-reflex system with an amplifier output of 5 Watts RMS
- Frequency range: 220 Hz – 20 kHz
- Case and stand made of solid aluminium
- Excellent sound in a compact case
- Speaker compactly retracts for transport
- Optional bass boost and surround effect features included
- On/Standby switch & LED power indicator
- External 230 V/50 Hz Euro wall power supply
- Dimensions: 250 (420) x 120 x 75 mm
- Packaging: cardboard box

5 Watt	45 Watt	Volume Adjustment	Bass Boost
RMS	P.M.P.O.		
3D Sound	Aluminium Housing	ø 3,5 mm	Magnetically Shielded
3D Sound	Material	Audio Plug	Satellite Shielding

Speaker Systems "Midgard"

new **Speaker System "Midgard 2.1"**   ctn qty. 4   EDP-No. 22544
Multi-Channel Subwoofer System SP 2.1 MID

The Midgard 2.1 system offers multi-channel sound, an attractive design and a top price-performance ratio.

- 10 W RMS / 180 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume and bass control
- 3.5 mm jack
- Magnetically shielded
- Packaging: cardboard box

10 Watt	180 Watt	Volume Adjustment	Bass Adjustment
RMS	P.M.P.O.		
Wooden Housing	ø 3,5 mm	Magnetically Shielded	
Subwoofer Material	Audio Plug	Satellite Shielding	

PC Audio

Speaker Systems "Midgard"

Speaker System "Midgard 140"   ctn qty. 8   EDP-No. 22543   new
2.0 Loudspeaker SP 140 MID

The Midgard 140 system offers rich sound, an attractive design and a top price-performance ratio.

- 3 W RMS / 140 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume control
- Headphone socket
- 3.5 mm jack
- Magnetically shielded
- Packaging: cardboard box

3 Watt	140 Watt			ø 3,5 mm	Magnetically Shielded
RMS	P.M.P.O.	Volume Control	Headphone Jack	Audio Plug	Satellite Shielding

PC Audio

Speaker System "Midgard 70"   ctn qty. 12   EDP-No. 22542   new
2.0 Loudspeaker SP 70 MID

The Midgard SP70 system convinces with its attractive design and price.

- 2 W RMS / 70 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume control
- Headphone socket
- 3.5 mm jack
- Magnetically shielded
- Packaging: cardboard box

2 Watt	70 Watt			ø 3,5 mm	Magnetically Shielded
RMS	P.M.P.O.	Volume Control	Headphone Jack	Audio Plug	Satellite Shielding

Speaker System „Midgard 60P"   ctn qty. 12   EDP-No. 22541   new
2.0 Loudspeaker PRO SP60 MID

At last on the market – the successor of the widely sold ASC 60 speaker system! With their unobtrusive black case and the silver loudspeaker grille, the new Midgard 60P speakers fit into any working environment and thus are ideal for simple PC sound playback.

- 1 W RMS / 60 W p.m.p.o. music output
- Frequency range: 150 – 20.000 Hz
- Volume control
- Headphone socket
- ON/OFF switch
- 3.5 mm phone jack
  (for PC, notebook, MP3 player, etc.)
- With euro plug
- Packaging: cardboard box

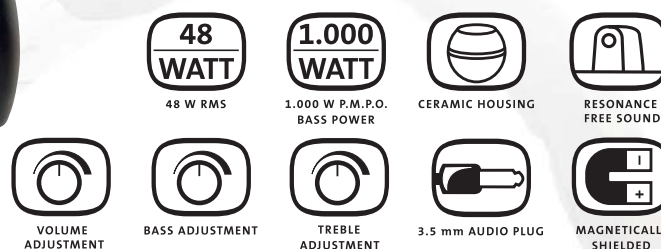| 1 Watt	60 Watt			ø 3,5 mm	Magnetically Shielded
RMS	P.M.P.O.	Volume Control	Headphone Jack	Audio Plug	Satellite Shielding

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Speaker Systems "bazoo"

bazoo

new **B_SP 2.1 SOS** ctn qty. 1 EDP-No. 23502
2.1 Speaker System "Sound of Stone"

Sound of Stone is the ultimate sound system for all PC game and music lovers!
1,000 Watts (p.m.p.o.) output and a resonance-free ceramics case guarantee first-class and dynamic music playback in any environment. The large subwoofer gives the rich bass, the two satellites in their ceramics case complement the perfect sound with melodies and voices. All stereo signals from sources such as sound cards, MP3 players, HD players etc. with 3.5 mm output jacks can be connected and reproduced with impressive quality.

- 1,000 W p.m.p.o. / 48 W RMS music output
- Frequency range: 30 - 20,000 Hz
- Magnetically shielded satellites
- Handcrafted ceramics case
- Packaging: cardboard box

48 WATT 48 W RMS
1.000 WATT 1.000 W P.M.P.O. BASS POWER
CERAMIC HOUSING
RESONANCE FREE SOUND

VOLUME ADJUSTMENT
BASS ADJUSTMENT
TREBLE ADJUSTMENT
3.5 mm AUDIO PLUG
MAGNETICALLY SHIELDED

Gaming Headsets

Gaming Headset "Walhalla 10" ctn qty. 4 EDP-No. 22163
Stereo Headset HM 10 GAME

Stereo gaming headset with extra large loudspeakers for optimum game, movie or MP3 sound.
The extravagant design is a real eye-catcher and offers optimum wearing comfort.

- 3.5 mm phone jack to hook up the headset to the PC or notebook sound card
- Padded ear cushions for high wearing comfort
- Height-adjustable microphone
- Cable length (headset) approx. 2.5 m
- Packaging: blister box

Headphones
- 50 mm loudspeakers for optimum sound
- Frequency range 18 – 20.000 Hz
- Impedance: 32 Ω
- Sensitivity 106dB +/- 3dB

Microphone:
- Type: Omni directional, anti-noise capacitor
- Impedance 2.2 kΩ
- Sensitivity -38dB +/- 3dB
- Packaging: blister box

2,5 m Cable Length
ø 3,5 mm Audio Plug
ANC Microphone
eSports Compatible
VoIP Internet Telephony

PC Audio

Gaming Headsets

Gaming Headset "Walhalla USB"   ctn qty. 5   EDP-No. 22162 `new`
HM USB GAME

USB gaming headset with volume control. Padded ear cushions and a flexible microphone make this
headset a comfortable accessory for every PC game session!

- Ideal for PC games and multimedia applications
- Also suited for Voice over IP application (internet telephony)
- In-line volume control with mute function and fastening clip
- USB connector for connecting the headset to PC or notebook – without sound card!
- Padded ear cushions for high wearing comfort
- Flexible microphone arm for an optimum microphone position
- Approx. 2.5 m long cable for convenient use of the headsets
- Packaging: blister box

Headphones
- Frequency range: 20 – 20.000 Hz
- Impedance 32 Ohms
- 40 mm loudspeakers

Microphone:
- ANC technology
- Impedance 2.2 kOhms
- Sensitivity -39 dB +/- 3dB

Volume Control	Flexible Microphone	Cable Length 2,5 m	USB	Microphone ANC	eSports Compatible	Internet Telephony VoIP
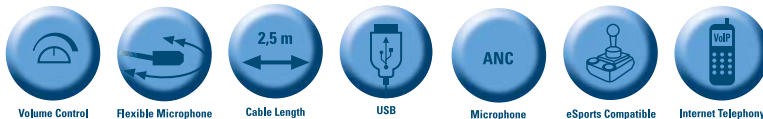
PC Audio

Voice over IP Headsets

Voice over IP Headset "Asgard 20"   ctn qty. 5   EDP-No. 21930
Stereo Headset HM 20 VOIP

Stereo VoIP retro look headset. Padded ear cushions and a flexible microphone make this headset
a convenient accessory for communication via internet – even when you make extended calls!

- In-line volume control with mute function and fastening clip
- 3.5 mm phone jack to hook up the headset to the PC or notebook sound card
- Rectangular, padded ear cushions for high wearing comfort
- Flexible microphone
- Cable length approx. 2.5 m
- Packaging: blister box

Headphones
- 40 mm loudspeakers
- Frequency range 20 – 20.000 Hz
- Impedance: 32 Ω
- Sensitivity 104dB +/- 3dB

Microphone:
- Type: Omni directional, anti-noise capacitor
- Impedance 2.2 kΩ
- Sensitivity -39dB +/- 3dB

Volume Control	Flexible Microphone	Cable Length 2,5 m	Audio Plug ø 3,5 mm	Microphone ANC	eSports Compatible	Internet Telephony VoIP

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PC Audio

Voice over IP Headsets

Voice over IP Headset "Asgard 10" ctn qty. 5 EDP-No. 21928
Stereo Headset HM 10 VOIP

Super lightweight stereo VoIP headset with interesting design elements: the microphone with spiral cable and metal arm makes this headset a real eye-catcher!

- In-line volume control with mute function and fastening clip
- 3.5 mm phone jack to hook up the headset to the PC or notebook sound card
- Flexible microphone
- Cable length approx. 2.5 m
- Packaging: blister box

Headphones
- 30 mm loudspeakers
- Frequency range 20 – 20.000 Hz
- Impedance: 32 Ω
- Sensitivity 106dB +/- 3dB

Microphone:
- Type: Omni directional, anti-noise capacitor
- Impedance 2.2 kΩ
- Sensitivity -39dB +/- 3dB

Volume Control	Flexible Microphone	2,5 m Cable Length	ø 3,5 mm Audio Plug	ANC Microphone	eSports Compatible	VoIP Internet Telephony

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new **Voice over IP Headset "Asgard NB"** ctn qty. 5 EDP-No. 21925
HM NB VOIP

Comfortable and lightweight stereo VoIP headset in neckband design. Slightly padded ear cushions and a flexible microphone with pop protection make this headset a convenient device for VoIP communication

- Ideal for VoIP application (internet telephony)
- Suitable for eSports (PC game) application
- 3.5 mm phone jack for headphone and microphone for direct connection
  to a PC or notebook soundcard
- In-line volume control with mute function, incl. clip
- Flexible microphone arm for an optimum microphone position
- Approx. 2.5 m long cable for convenient use of the headsets
- Packaging: blister

Headphones
- Frequency range: 15 - 20,000 Hz
- Impedance 32 Ohms
- 40 mm loudspeakers

Microphone:
- Impedance < 10 kOhms
- Sensitivity -58 dB +/- 3 dB

Volume Control	Flexible Microphone	2,5 m Cable Length	ø 3,5 mm Audio Plug	ANC Microphone	eSports Compatible	VoIP Internet Telephony

PC Audio

Headsets

Mono Headset "Loki"   ctn qty. 5   EDP-No. 22557 **new**
HM MONO

Monaural headset for convenient and easy internet telephony (VoIP)

- Can be worn on the left or right side
- 3.5 mm phone jack to hook up the headset to the PC or notebook sound card
- Flexible microphone
- Cable length approx. 1.7 m
- Packaging: blister

Headphones
- 15 mm loudspeaker
- Frequency range: 20 – 20.000 Hz
- Impedance 32 Ohms
- Sensitivity 104 dB +/- 3 dB

Microphone:
- Omni directional
- Impedance 2.2 kOhms
- Sensitivity -58 dB

1,7 m	ø 3,5 mm		
Flexible Microphone	Cable Length	Audio Plug	eSports Compatible	Internet Telephony

PC Audio

Neckband Headset "Loki"   ctn qty. 5   EDP-No. 22558 **new**
HM NB

Convenient neckband headset simplifies your first steps in internet telephony (VoIP)

- Can be easily worn behind your head
- Integrated volume control
- 3.5 mm phone jack to hook up the headset to the PC or notebook sound card
- Flexible microphone
- Cable length approx. 1,8 m
- Packaging: blister

Headphones
- 15 mm loudspeaker
- Frequency range: 20 – 20.000 Hz
- Impedance 32 Ohms
- Sensitivity 105 dB +/- 3 dB

Microphone:
- Omni directional
- Impedance 2.2 kOhms
- Sensitivity -58 dB

		1,8 m	ø 3,5 mm		
Volume Control	Flexible Microphone	Cable Length	Audio Plug	eSports Compatible	Internet Telephony

PC Audio

Headsets

new **Neckband Headset "Fenris NB"**   ctn qty. 5   EDP-No. 22556
HM NB FEN II

Headset with neckband design - ideal for novices, for travelling and for short VoIP calls!

- 30 mm loudspeakers
- Frequency range: 20 – 20.000 Hz
- Lead length: 2m
- Headphone impedance 32 Ohms
- Microphone impedance 2.2 kOhms
- Volume control
- Flexible microphone
- 3.5 mm jack
- Attractive blister packaging
- Packaging: blister

Volume Control	Flexible Microphone	2,0 m Cable Length	ø 3,5 mm Audio Plug	eSports Compatible	Internet Telephony

new **5.1 Gaming Headset "Avalon"**   ctn qty. 5   EDP-No. 22166
B_HM 5.1 GAME

The bazoo AVALON 5.1 headset sets new standards for the demanding gamer! 8 loudspeakers integrated in the AVALON 5.1 headset guarantee optimum surround sound for PC games. With its detachable microphone and the extra long analogue cable the AVALON 5.1 headset is also optimally suited for private listening to DVDs. The convenient remote control lets you individually adjust each of the channels and also mute the microphone.

- 8 loudspeakers for true to life 5.1 surround sound
- 40 mm loudspeakers for the front channel (2 off)
- 30 mm loudspeakers for rear, center and subwoofer channels (2 off each)
- Frequency range: 20 – 20.000 Hz
- Lead length: 2.1 m
- Headphone impedance 64 Ohms (front), 32 Ohms (rear, center), 8 Ohms (subwoofer)
- Microphone impedance 2.2 kOhms
- Remote control for individual volume control of each channel
- Microphone mute function
- Detachable, flexible microphone
- 3.5 mm jack
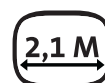- Packaging: blister

| VOLUME ADJUSTMENT	8 SPEAKER DRIVERS	DETACHABLE MICROPHONE	REMOTE CONTROL	2,1 M EXTRA LONG CABLE

PC Audio

Mikrophone

Clip Microphone "Loki"
MF CLIP 10

ctn qty. 5   EDP-No. 22167 **new**

High-quality clip-on microphone

- Ideal for VoIP application
- 3.5 mm jack
- Cable length approx. 2 m
- ANC microphone
- Impedance < 10 kOhms
- Sensitivity -58 dB +/-3 dB
- Packaging: blister

ANC	2,0 m	ø 3,5 mm	VoIP
Microphone	Cable Length	Audio Plug	Internet Telephony

PC Audio
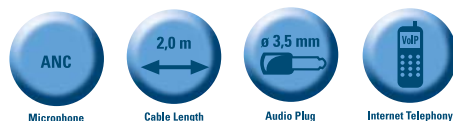
Clip Microphone
MF CLIP20

ctn qty. 5   EDP-No. 22559 **new**

Clip-on microphone for simple language capturing

- With clip for fastening to the monitor or similar
- 3.5 mm jack
- Cable length approx. 1.8 m
- Electret microphone
- Impedance 600 Ohm
- Sensitivity -54 dB +/-3 dB
- Packaging: blister

1,8 m	ø 3,5 mm	VoIP
Cable Length	Audio Plug	Internet Telephony

Entry-level microphone "Loki 25"
Desktop microphone MF 25

ctn qty. 36   EDP-No. 22164 **new**

- Multimedia desktop microphone, can be placed on the table but also fastened to the monitor
- With stand
- Incl. monitor fastening set
- 1.8 m cable
- 3.5 mm jack
- Microphone type: Condenser
- Impedance: 600 Ω
- Frequency range: 20 Hz – 20 kHz
- Packaging: blister

1,8 m	ø 3,5 mm	VoIP
Cable Length	Audio Plug	Internet Telephony

For DVD

DVD Box   ctn qty. 12   EDP-No. 13780
Single DVD Box, transparent

- Transparent DVD hardcover box
- Unbreakable material
- Shrink wrapped in sets of 3
- For one DVD or one CD-ROM each
- Dimensions: 134 x 190 x 42 mm

DVD Box Transp   ctn qty. 17   EDP-No. 13830
DVD Jewel Case "KingSize"

- DVD case set in crystal clear design
- Unbreakable material
- Shrink wrapped in sets of 3
- For one DVD or one CD-ROM
- Dimensions: 134 x 190 x 42 mm

new **DVD2 Box**   ctn qty. 30   EDP-No. 23212
Double DVD Box, transparent

- Transparent DVD box, softcover
- Unbreakable material
- Transparent foil attached outside to insert the DVD cover
- Standard version, 14 mm flat
- Shrink wrapped in sets of 5
- For 2 DVDs or CD-ROMs each
- Dimensions: 190 x 135 x 70 mm

Office: Archiving

For DVD

DVD2 BOX SC SLIM   ctn qty. 10   EDP-No. 23213 `new`
Double DVD Box, transparent - Slim

- Transparent DVD box, Softcover
- Unbreakable material
- Transparent foil attached outside to insert the DVD cover
- Space-saving: only 7 mm flat
- Shrink wrapped in sets of 10
- For 2 DVDs or CD-ROMs each
- Dimensions: 190 x 135 x 70 mm

DVD2 Box 5   ctn qty. 30   EDP-No. 19547
Double DVD Box, black

- Black DVD hardcover box
- Unbreakable material
- Shrink wrapped in sets of 5
- For 2 DVDs or CD-ROMs each
- Dimensions: 134 x 190 x 70 mm
- Only sold in full packaging units!

PC Office

DVD Slim Box 10   ctn qty. 10   EDP-No. 22008 `new`
 DVD Hardcover Box, black

- For 1 DVD incl. booklet
- Transparent foil attached outside to insert the DVD cover
- Additional brackets inside for the booklet
- Shrink wrapped in sets of 10
- Dimensions: 19,2 x 13,6 x 7 cm

DVD Box 5   ctn qty. 10   EDP-No. 22009 `new`
For 1 DVD incl. booklet

- Transparent foil attached outside to insert the DVD cover
- Standard version, 14 mm flat
- Additional brackets inside for the booklet
- Shrink wrapped in sets of 5
- Dimensions: 19,2 x 13,6 x 7 cm
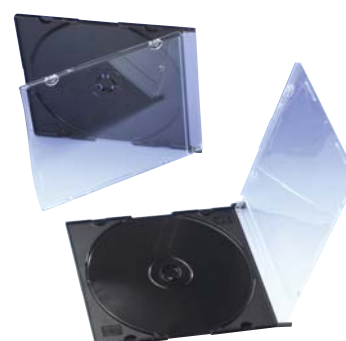
For CD/CD ROM

CD Slim Case Set   ctn qty. 10   EDP-No. 22007
CD Slim Cases

- Black/transparent CD jewel cases
- Unbreakable material
- Protects the CD from damage
- Shrink wrapped in sets of 10
- For one CD-ROM each with insert
- Dimensions: 125 x 145 x 52 mm

Office: Archiving

CD Slim Case Set

CD slim cases in bulk packs
- Unbreakable material
- Protects the CD from damage
- For one CD-ROM each with insert
- Black/transparent or coloured/transparent (5 assorted colours)
- In packs of 25 (foil-wrapped) or 50 (cardboard packaging with carrying handle)

25 pack black/transparent slim cases   ctn qty. 8   EDP-No. 21869
foil-wrapped

25 pack coloured/transparent slim cases   ctn qty. 8   EDP-No. 21870
5 assorted colours (pink, purple, blue, green, orange),
foil-wrapped

50 pack black/transparent slim cases   ctn qty. 4   EDP-No. 21871
in cardboard packaging

50 pack coloured/transparent slim cases   ctn qty. 4   EDP-No. 21872
5 assorted colours (pink, purple, blue, green, orange),
in cardboard packaging

Single Jewel Cases

CD BOX   ctn qty. 40   EDP-No. 12006
Single CD Jewel Case - 5 pieces

CD BOX   ctn qty. 40   EDP-No. 22006
Single CD Jewel Case - 10 pieces

- Black/transparent CD jewel cases
- Unbreakable material
- Protects the CD from damage
- For 1 CD-ROM each
- Dimensions: 125 x 140 x 50 mm

Multi Jewel Cases

CD2 SLIM BOX 10   ctn qty. 20   EDP-No. 23215 `new`
Double CD box, transparent - slim

- Transparent DVD box, softcover
- Unbreakable material
- Space-saving: only 5.2 mm flat
- Shrink wrapped in sets of 10
- For 2 CD-ROM each
- Dimensions: 128 x 128 x 50 mm

CD2 SLIM BOX 10M   ctn qty. 20   EDP-No. 23214 `new`
Double CD box, colored - slim

- Transparent DVD box, softcover
- Unbreakable material
- Space-saving: only 5.2 mm flat
- Assorted colours (yellow, blue, purple,
  red, green), shrink wrapped in sets of 10
- For 2 CD-ROM each
- Dimensions: 128 x 128 x 50 mm

PC Office

CD BOX II   ctn qty. 40   EDP-No. 12121
Double CD Jewel Case

- Black/transparent CD jewel cases
- Unbreakable material
- Protects the CD from damage
- Shrink wrapped in sets of 5
- For 2 CD-ROMs each
- Dimensions: 125 x 140 x 50 mm

CD BOX Double   ctn qty. 40   EDP-No. 12105
Double CD Jewel Case

- Transparent CD jewel cases
- Unbreakable material
- Protects the CD from damage
- Shrink wrapped in sets of 5
- For 2 CD-ROMs each
- Dimensions: 125 x 140 x 50 mm

CD Box 4   ctn qty. 100   EDP-No. 21890
CD box for 4 CDs

- Black/transparent CD jewel cases
- Unbreakable material
- For 4 CD CD-ROMs with insert
- Protects the CD from damage
- Individually foil-wrapped
- Dimensions: 124 x 142 x 25 mm

CD-Box 6   ctn qty. 100   EDP-No. 21891
CD box for 6 CDs

- Black/transparent CD jewel cases
- Unbreakable material
- For 6 CD CD-ROMs with insert
- Protects the CD from damage
- Individually foil-wrapped
- Dimensions: 124 x 142 x 25 mm

PC Office

Paper CD covers

Paper CD covers
- Practical paper covers, e.g. for storing backup copes or CDs included with magazines
- For 1 CD each
- With viewing window for quick reference of the CD and self-adhesive insert flap
- White or in assorted colours (white, blue, yellow, green, red)
- Package: in plastic box

CD PS 25 W **Paper CD cover, white, 25 pieces**	ctn qty. 40	EDP-No. 22050
CD PS 50 W **Paper CD cover, white, 50 pieces**	ctn qty. 20	EDP-No. 22051
CD PS 100 W **Paper CD cover, white, 100 pieces**	ctn qty. 5	EDP-No. 22052
CD PS 25 M **Paper CD cover, assorted colours, 25 pieces**	ctn qty. 40	EDP-No. 22053
CD PS 50 M **Paper CD cover, assorted colours, 50 pieces**	ctn qty. 20	EDP-No. 22054

CD archiving covers

- Practical clear plastic cover for storing loose CDs without a cover
- For 2 CDs each without cover or 1 CD with cover
- Made of transparent, heat-resistant PP material
- Soft fleece lining to protect the CD (black or white)
- With registery insert
- Package: in plastic box

CD PPS 25 W **CD archive covers, white, 25 pieces**	ctn qty. 16	EDP-No. 22056
CD PPS 50 W **CD archive covers, white, 50 pieces**	ctn qty. 8	EDP-No. 22057
CD PPS 25 B **CD archive covers, black, 25 pieces**	ctn qty. 16	EDP-No. 22059
CD PPS 50 B **CD archive covers, black, 50 pieces**	ctn qty. 8	EDP-No. 22060

CD archive sleeves

- Practical clear plastic cover for storing loose CDs without a cover
- For 1 CD each
- Made of transparent, heat-resistant PP material
- Package: in plastic box

CD PPE 25 **CD archive sleeves, transparent, 25 pieces**	ctn qty. 12	EDP-No. 22062
CD PPE 50 **CD archive sleeves, transparent, 50 pieces**	ctn qty. 8	EDP-No. 22063

PC Office

Cleaning & Care

MGS 200   ctn qty. 12   EDP-No. 21586

Assistance for PC gamers: Mousepad Glide Spray

- Increases the reflection of mousepads
- Applicable with all kinds of mousepads having a plastic surface (not applicable for textile mousepads)
- Provides plastic mouse pads with an excellent sliding effect
- Particularly well suited for the use with optical mice on plastic mouse pads, e.g. Speed-Pad
- Not useable for ball mice
- High-quality combination of purely natural and silicone-free substances
- 200 ml Aerosol can
- Dimensions: ø 50 mm x height 170 mm

CPS 30   ctn qty. 8   EDP-No. 12142

Pump spray for plastic & screen

- Environmentally compatible
- Gently removes dust and dirt from plastic and glass surfaces
- Reduces resoiling
- With cloth for fluid application
- Ozone-friendly, non-inflammable, biologically degradable
- Antistatic effect
- Contents: 200 ml e
- Dimensions: ø 55 mm x height 155 mm

  NOT for cleaning LCD ,TFT and Plasmascreens

CCT 10   ctn qty. 12   EDP-No. 09340

Computer cleaning cloths

- 100 special cleaning cloths for computer surfaces
- Soaked in cleaning fluid
- For cleaning monitors and cases
- Easily removes all kinds of dirt
- Dimensions: 80 mm x height 180 mm

CCT 30   ctn qty. 12   EDP-No. 09489

CD cleaning cloths in box

- 100 special cleaning cloths for CD-ROMs
- Moistened with cleaning fluid
- Removes all kinds of dirt
- Antistatic effect
- Dimensions: 110 x 80 x 40 mm

CAD 10   ctn qty. 12   EDP-No. 09490

Air duster

- Air duster specially developed for keyboards, printers and disk drives
- Removes dust even in remote areas
- Also for overhead application
- Non-inflammable, contains no CFC or HCFC
- Contents: 125 ml e
- Dimensions: ø 55 mm x height 185 mm

PC Office

PC Office

Cleaning & Care

CCD 10   ctn qty. 10   EDP-No. 09311
CD cleaning set with cleaning fluid

- With cleaning platform, bottle with cleaning fluid and cleaning pad
- Removes dust and dirt from CD surfaces
- Regular application can prolong the CD's service life
- Dimensions: 175 x 135 x 20 mm
- Package: cardboard box

CCD 20   ctn qty. 20   EDP-No. 09312
CD laser cleaner with brush system

- Super soft brush gently cleans the laser lens
- Easy application
- Dimensions: 206 x 136 x 20 mm
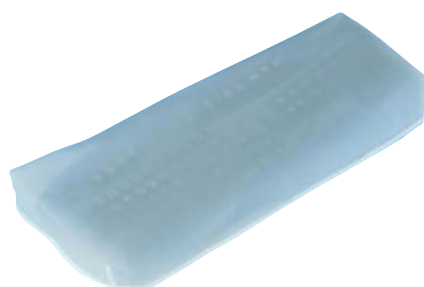- Package: cardboard box

Dust Protection

DCTFT 117   ctn qty. 70   EDP-No. 12179
Dustcover for TFT-Monitor 17", 45 x 47 x 8 cm

- White dust cover made of high-quality material protects the hardware from dust and dirt
- Dimensions: 195 x 140 x 25 mm
- Package: cardboard box

DCK 120   ctn qty. 70   EDP-No. 12175
Dustcover Keyboard, 50 x 29 x 4 cm

- White dust cover made of high-quality material protects the hardware from dust and dirt
- Dimensions: 195 x 140 x 25 mm
- Package: cardboard box

PC Office

Mousepads & Wristpads

WPG 40 GEL   ctn qty. 30   EDP-No. 44561

Gel Wristpad, blue

- Comfortable gel pad reduces wrist strain and supports your wrists
- For healthy and comfortable working on the PC, at home or at the office
- Dimensions: 500 x 80 x 40 mm
- Package: cardboard box

MPG 40 GEL   ctn qty. 40   EDP-No. 44520

Gel Mousepad, blue

- Excellent control over the mouse pointer due to gel cushion
- Special wrist protection for comfortable and healthy working on the PC
- Dimensions: 247 x 190 x 30 mm
- Package: cardboard box

PC Office

MP GAME   ctn qty. 10   EDP-No. 21876

Gaming Mousepad

Extra big mouse pad, special design for PC gamers - satisfies all demadns a mouse pad must meet!

- Material: sturdy plastic with rough surface
- Easy to clean
- Ergonomic shape prevents from exhaustion
- Package: cardboard box

**Mousepads MP3/18**   ctn qty. 18   EDP-No. 21429

Mousepads with fabric cover in three colours

- Colours: red, black, blue, each with Vivanco logo
- Supplied in display box with 18 x 6 x per colour
- Each mousepad is mounted on backing card and can be hung on the wall
- Fabric sufrace with anti-static effect
- Non-slip foam rubber underside
- Size: 20 x 23 cm
- Nice and flat: only 3 mm thick
- Package: cardboard

Photomousepads
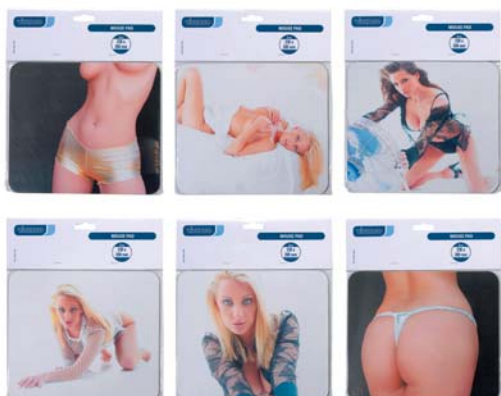
- Mouse pad with brilliant photo print
- PVC surface for optimal mouse gliding
- Non-skid foam rubber backing
- Size: 20 x 23 cm
- Slim: thickness only 3 mm!
- Items are packed in polybag with carton header: They can be hung into the shop wall or
  be presented in the display carton
- Package: polybag with carton header

MP3x6GIRLS   ctn qty. 18   EDP-No. 21980
Photomousepads - „GIRLS"

- 6 designs to choose from
- 18 pcs. (3 of each design) packed in white display box
- Sale only in full carton units of 18 pcs.

MP4x5BOYS   ctn qty. 20   EDP-No. 21981
Photomousepads - „BOYS"

- 4 designs to choose from
- 20 pcs. (5 of each design) packed in white display box
- Sale only in full carton units of 20 pcs.

MP4x5HOLIDAYS   ctn qty. 20   EDP-No. 21982
Photomousepads - „HOLIDAYS"

- 4 designs to choose from
- 20 pcs. (5 of each design) packed in white display box
- Sale only in full carton units of 20 pcs.

MP4x5ALIEN   ctn qty. 20   EDP-No. 21983
Photomousepads - „ALIEN"

- 4 designs to choose from
- 20 pcs. (5 of each design) packed in white display box
- Sale only in full carton units of 20 pcs.

PC Office

CD-Archiving "Trade Paper"

Trade Paper is the new and exclusive guest brand for high-quality CD archiving. The Trade Paper CD sleeves are robust and trendy. The aluminium shell protects the CDs inside like a safe. The design is always a little different, always a bit trendier, always a bit cooler.

"Trade Paper" Series China

- Made of stable aluminium
- Modern China look design
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Packaging: Cardboard slip case

LN 55330   ctn qty. 6   EDP-No. 21899
Yin & Yang

- For 24 CDs (without cover)

PC Office

LN 55403   ctn qty. 6   EDP-No. 21900
Chinese Dragon

- For 24 CDs (without cover)

"Trade Paper" Series Industrial

- Made of stable aluminium
- Technical design
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Packaging: Cardboard slip case

LN 55311   ctn qty. 6   EDP-No. 21236
Alloy Industrial 24

- For 24 CDs (without cover)

LN 84125   ctn qty. 6   EDP-No. 21360
Alloy Industrial Visor

- For 12 CDs (without cover)

"Trade Paper" Series Signs

- For 24 CDs (without cover)
- Made of stable aluminium
- Cool design with various printed labels, some with "used look"
- Interior: CD covers made of heat-resistant PP with anti-static fleece
- Packaging: Cardboard slip case

LN 55418   ctn qty. 6   EDP-No. 21240
Speed Limit 55

LN 55415   ctn qty. 6   EDP-No. 21243
Do not enter

LN 55494   ctn qty. 6   EDP-No. 21245
Route 66

LN 55454   ctn qty. 6   EDP-No. 21606
Keep off Grass

LN 55698   ctn qty. 6   EDP-No. 21901
Kangaroo

Office: Archiving

"Trade Paper" Series Rallye

- **Made of stable aluminium**
- **Cool design with elements from motor sport**
- **Interior: CD covers made of heat-resistant PP with anti-static fleece**
- **Packaging: Cardboard slip case**

LN 55419   ctn qty. 6   EDP-No. 21242
Rallye 24 CD Speedometer

- For 24 CDs (without cover)

"Trade Paper" Series Flags

PC Office

- **Made of stable aluminium**
- **Interior: CD covers made of heat-resistant PP with anti-static fleece**
- **Packaging: Cardboard slip case**
- **For 24 CDs (without cover)**

LN 55751   ctn qty. 6   EDP-No. 22405
Flags - DDR

LN 55753   ctn qty. 6   EDP-No. 22407
Flags - Russia

LN 55747   ctn qty. 6   EDP-No. 22754 new
Flags - Switzerland

LN 55792   ctn qty. 6   EDP-No. 22757 new
Flags - Turkey

"Trade Paper" Limited Edition

- **Made of stable aluminium**
- **New and cool designs in the Trade Paper range increase the choice**
- **Interior: CD covers made of heat-resistant PP with anti-static fleece**
- **Packaging: Cardboard slip case**

LN 55748   ctn qty. 6   EDP-No. 22403
Tatort

- For 24 CDs (without cover)

LN 55750   ctn qty. 6   EDP-No. 22404
Faces - Che Guevara

- For 24 CDs (without cover)

LN 55752   ctn qty. 6   EDP-No. 22406
Ibiza

- For 24 CDs (without cover)

LN 55754   ctn qty. 4   EDP-No. 22409
California License Plate

- For 96 CDs (without cover)

LN 55789   ctn qty. 6   EDP-No. 22755
New Rock

- For 24 CDs (without cover)

Technology for Lifestyle

PC Performance & Mobile World

Relaunch of two successful wall display product lines

Vivanco answered rising demands on a flexible product presentation at the P.O.P. for the "Mobile World" and "PC Performance" sub lines by completely revising these lines.
The lines' attractiveness was significantly enhanced by the following measures.

More than 30% new products
We respond to the fast changes in the IT accessories market by launching new products and, for example, focusing on USB products, coolers and notebook accessories.

Reduced number of packaging variants
The reduced number of packaging variants to only a few standard variants allows for very clearly arranged and structured sales areas.

Optimised packaging size
Smaller packagings make for better usage of the available sales area.

Consolidated appearance of both product lines
This allows products of both lines to be flexibly presented according to dealer requirements
– on the wall as well as separately.

Mobile World

Mobile World

The new accessories line for notebooks

Why a "Mobile World" product line?

Notebooks add a new kind of freedom to PC users. More and more people opt on a mobile use of their PCs and wish to extend, expand and protect their notebook with suitable accessories. Vivanco's "Mobile World" product line offers a broad selection of useful and attractive accessories, from mouse to pilot's case and thus adds to an optimised individual usage.

The notebook bags certainly are one of the highlights of the entirely revised product range: they hold the right product in store for every application and target group, from protective covers with Memory Foam, sportive and attractive bags of our Caseman guest brand to exquisite leather bags!

Our sales-effective "Mobile World" packaging

Only a good product measures up to its packaging because only a didactically clear and self-explaining communication warrants a correct product selection and a satisfied customer. The outstanding features of our design specially adapted to the product line are:

1 Blisters for hanging or standing presentation

2 Fully visible products displaying all major features

3 All major features in a prominent place

4 All relevant properties clearly shown "at a single glance"

	Executive	Traveller	Lady	Caseman	Sporty	Youngline	Sleeves & Bundles	Promotion
	22449	21859 / 21858					21550	
	23228 / 22450		22452	23233 / 22446			21546	
	23229 / 22451	18923	22455 / 22454 / 22453	22448 / 22447	22461 / 22460 / 22458	19002 / 19001	18929	
							22420 22421 22422 22423 22424	20378

Notebook Bags   Executive

new **NBK EXE CLASSIC**   ctn qty. 4   EDP-No. 22449

15.4" notebook bag, genuine leather, model "Classic"

"Classic" briefcase for 15.4" notebooks made from premium leather

- For highest demands
- Can bear up to 10 kg
- Weight: 1.8 kg
- Dimensions: 430 x 370 x 100 mm
- Premium leather for your notebook
- Main compartment: 415 x 300 x 25 mm
- Softly padded notebook compartment with holding strap: 370 x 280 x 75 mm
- Pockets for mobile phone, pens and business cards
- Additional mesh pockets
- Leather handle for comfortable carrying
- Robust, detachable shoulder strap with metal snaps

430 x 370 x 100 mm	Max. Cargo		
Weight 1,8 kg	10 kg	15,4"	Genuine Leather

new **NBK EXE PILOT**   ctn qty. 6   EDP-No. 23228

Notebook Business Bag „Pilot" 17"

Notebook business leatherette bag "Pilot" for 17" notebooks. Robust notebook bag – also ideal as hand luggage.

- Weight: 2.2 kg
- Dimensions: 420 x 300 x 210 mm
- Can bear up to 10 kg
- Softly padded notebook compartment with rigid frame, holding strap and separator:
  400 x 280 x 70 mm with extra mesh pocket
- 3-part document compartment: 400 x 280 x 60 mm
- Large front pouch with organizer compartment for mobile phone, pens and business cards
- Front pouch with zipper
- Padded handle for comfortable carrying
- Ergonomic shoulder strap with metal snaps
- Metallic safety feet

420 x 300 x 210 mm	Max. Cargo		
Weight 2,2 kg	10 kg	17"	Hand Luggage

All bags without content!

Notebook Bags   Executive

NBK EXE MODERN   ctn qty. 4   EDP-No. 22450 `new`

15.4" notebook bag, genuine leather, model "Modern"

"Modern" briefcase for 15.4" notebooks made from premium leather. Business bag made from premium leather meeting the highest demands.

- Can bear up to 10 kg
- Weight: 1.6 kg
- Dimensions: 420 x 400 x 110 mm
- Premium leather for your notebook
- Main compartment: 420 x 320 x 55 mm
- Softly padded notebook compartment with holding strap: 365 x 275 x 55 mm
- Pockets for mobile phone, pens and business cards
- Safety pouch with zipper
- Leather handle for comfortable carrying
- Robust, detachable shoulder strap with metal snaps
- Locks provide additional safety

420 x 400 x 110 mm Weight 1,6 kg	Max. Cargo 10 kg	15,4"	Genuine Leather

NBK EXE ECO   ctn qty. 5   EDP-No. 23229 `new`

Notebook Business Bag "Economy" 17"

Notebook business bag "Economy" for 17" notebooks. Robust notebook bag made of rugged material

- Weight: 1.6 kg
- Dimensions: 420 x 320 x 90 mm
- Can bear up to 10 kg
- Softly padded notebook compartment with rigid frame, holding strap and separator:
  400 x 290 x 55 mm with additional organizer compartment for pens and business cards
- 3-part document compartment: 390 x 230 x 20 mm
- Front pouch with Velcro fastener
- Trolley holder for easy transport
- Robust handle for comfortable carrying
- Ergonomic shoulder strap with metal snaps
- Safety feet

420 x 320 x 90 mm Weight 1,6 kg	Max. Cargo 10 kg	17"	Hand Luggage

Mobile World

NBK EXE EASY   ctn qty. 4   EDP-No. 22451 `new`

15.4" mixed leatherette notebook bag, model "Easy"

Briefcase "Easy" for 15.4" notebooks in top quality; sportive business bag for highest demands.

- Can bear up to 10 kg
- Weight: 1.3 kg
- Dimensions: 420 x 370 x 80 mm
- Premium quality for your notebook
- Main compartment: 420 x 350 x 10 mm
- Softly padded notebook compartment with holding strap: 390 x 280 x 70 mm
- Pockets for mobile phone, pens and business cards
- Safety pouch with zipper
- Ergonomic handle for comfortable carrying
- Robust, detachable shoulder strap with metal snaps

420 x 370 x 80 mm Weight 1,3 kg	Max. Cargo 10 kg	15,4"

All bags without content!

Notebook Cases   Traveller

NBK TRV PILOT   ctn qty. 1   EDP-No. 21858
Notebook travel case "Pilot"

Stable and roomy travel case with "Vivanco kangaroo pouch".
The design is based on a typical pilot's case.

- The removeable protective notebook frame provides notebooks with reliable protection from hard
  impacts. Inner frame dimensions: approx. 360 x 290 x 50 mm (up to 15.4" notebooks)
- Double fully-recessed telescopic pull-out handle with locking device, ideal ergonomic length for
  pulling the case, even over uneven ground
- Stable whisper wheels with largest possible spacing for stability when pulling the case
- Very soft, non-slip carrying handle
- On floor with extra handle for easy lifting
- Shoulder strap with extremely stable metal hooks for carrying over the shoulder
- All zippers with double eyelets for lock chains or padlocks
- Three roomy main compartments with plenty of storage space
- Extra front pocket for all small materials such as: mobile phone, camera, ID cards, business cards etc.
- Dimensions: approx. 420 x 380 x 235 mm, weight: approx. 4400 g
  (Approved as hand luggage for many airlines)

420 x 380 x 235 mm
Weight 4,4 kg   Max. Cargo 10 kg   15,4"

NBK TRV TROLLEY   ctn qty. 1   EDP-No. 21859
Notebook travel case "Trolley"

Stable and roomy travel case with "Vivanco kangaroo pouch".
The design is based on a typical shopping trolley shape.

- The removeable protective notebook frame provides notebooks with reliable protection from hard
  impacts. Inner frame dimensions: approx. 360 x 290 x 50 mm (up to 15.4" notebooks)
- Fully-recessed telescopic pull-out handle with locking device, ideal ergonomic length for pulling the
  case, even over uneven ground
- Stable whisper wheels with largest possible spacing for stability when pulling the case
- Very soft, non-slip carrying handle
- On floor with extra handle for easy lifting
- The case can also be carried as a rucksack. The cover offers full protection from any soiling on the
  wheels
- All zippers with double eyelets for lock chains or padlocks
- Three roomy main compartments with plenty of storage space
- Extra front pocket for all small materials such as: mobile phone, camera, ID cards, business cards etc.
- Dimensions: approx. 410 x 460 x 250 mm, weight: approx. 4300 g
  (Approved as hand luggage for many airlines)

410 x 460 x 250 mm
Weight 4,3 kg   Max. Cargo 10 kg   15,4"

Mobile World

Notebook Cases   Traveller

NBK MEM BAG   ctn qty. 4   EDP-No. 18923

Notebook protection "Memory Foam" for notebooks up to 15.4"

Protective cover for notebooks with up to 15.4" display size special protection through "memory foam". This high-tech material protective cover protects valuable notebooks from damage during transportation. The cover's special material reliably absorbs hard impacts and thus protects the sensitive display and the edges of the notebook. The particularly thick foam material absorbs the energy from impacts and hits and converts it to resilience.

- For notebooks with a size of up to 350 x 285 x 40 mm
- Softly padded with extra protection in the areas around the edges
- Wide elastic straps with velcro fastener for securing the notebook in the bag

350 x 285 x 40 mm
Weight 0,38 kg

Max. Cargo
10 kg

15,4"

Mobile World

All notebook travel cases with "kangaroo pouch"

Every case in the Traveller series is fitted with a special removeable notebook protection system. The notebook frame protects the valuable notebook from hard impacts just like a Kangaroo's pouch by converting quick, short jerks into slow and long movements. Unlike most systems which depend purely on soft cushioning, the eleastic retaining bands used in this system provide a unique type of protection. A notebook without the "kangaroo pouch" is exposed to relatively high levels of strain, especially as cases have to be fitted with relatively hard rollers.

VIVANCO KANGAROO POUCH

Notebook Bags   Lady

new **NBK EXE LADY**   ctn qty. 4   EDP-No. 22452

Ladies' leatherette 15" notebook bag, model "Lady"

Top quality "Lady" briefcase for 15" notebooks Business bag for ladies' needs.

- Can bear up to 10 kg
- Weight: 1 kg
- Dimensions: 420 x 370 x 90 mm
- Best quality and best style for your notebook
- Main compartment: 420 x 310 x 30 mm
- Removable, softly padded notebook compartment with holding strap: 350 x 285 x 60 mm
- Pockets for mobile phone, pens and business cards
- Extra mesh pockets / safety pocket with zipper
- Ergonomic handle for comfortable carrying
- Robust, detachable shoulder strap with metal snaps

420 x 370 x 90 mm
Weight 1 kg

Max. Cargo
10 kg

15"

new **NBK LADY SAND**   ctn qty. 8   EDP-No. 22453

LADY notebook bag, colour: Sand

Fashionable hand bag with notebook compartment and leather handle

- Weight: 0.9 kg
- Dimensions: 400 x 400 x 90 mm
- Can bear up to 10 kg
- Leather handle for comfortable carrying
- Double zippers for super slim bag shape
- Main compartment: 385 x 295 x 25 mm
- Softly padded notebook compartment with holding strap: 385 x 295 x 55 mm
- Pockets for mobile phone, pens and business cards
- Extra pockets / safety pockets with zipper
- Robust, detachable, cushioned shoulder strap in bag colour with metal snaps

400 x 400 x 90 mm
Weight 0,9 kg

Max. Cargo
10 kg

15,4"

Leather Handle

All bags without content!

Mobile World

Notebook Bags   Lady

NBK LADY SWAMP   ctn qty. 8   EDP-No. 22454 **new**
LADY notebook bag, colour: Swamp

Fashionable hand bag with notebook compartment and leather handle

- Weight: 0.9 kg
- Dimensions: 400 x 400 x 90 mm
- Can bear up to 10 kg
- Leather handle for comfortable carrying
- Double zippers for super slim bag shape
- Main compartment: 385 x 295 x 25 mm
- Softly padded notebook compartment with holding strap: 385 x 295 x 55 mm
- Pockets for mobile phone, pens and business cards
- Extra pockets / safety pockets with zipper
- Robust, detachable, cushioned shoulder strap in bag colour with metal snaps

400 x 400 x 90 mm	Max. Cargo	15,4"	Leather Handle
Weight 0,9 kg	10 kg		

Mobile World

NBK LADY CHOC   ctn qty. 8   EDP-No. 22455 **new**
LADY notebook bag, colour: Chocolate

Fashionable hand bag with notebook compartment and leather handle

- Weight: 0.9 kg
- Dimensions: 400 x 400 x 90 mm
- Can bear up to 10 kg
- Leather handle for comfortable carrying
- Double zippers for super slim bag shape
- Main compartment: 385 x 295 x 25 mm
- Softly padded notebook compartment with holding strap: 385 x 295 x 55 mm
- Pockets for mobile phone, pens and business cards
- Extra pockets / safety pockets with zipper
- Robust, detachable, cushioned shoulder strap in bag colour with metal snaps

400 x 400 x 90 mm	Max. Cargo	15,4"	Leather Handle
Weight 0,9 kg	10 kg		

All bags without content!

Notebook Bags   Caseman

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new **NBK CASEM MS GR**   ctn qty. 7   EDP-No. 23233

CASEMAN notebook messenger bag, design Green

Fashionably designed "Caseman" messenger bag for 15.4" notebooks

- Weight: 0.9 kg
- Dimensions: 390 x 340 x 110 mm
- Versatile design college bag in fashionable colours
- Caseman design logo on zipper and front
- Practical Velcro fasteners
- Trendy lock on the shoulder strap
- Zippered compartment inside and at the rear
- Space-saving foldable notebook compartment
- Holding strap with Velcro fastener and super soft padding optimally protect the notebook

390 x 245 x 45 mm
Weight 0,9 kg

Max. Cargo
10 kg

15,4"

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new **NBK CASEM BP ST**   ctn qty. 5   EDP-No. 22446

CASEMAN notebook backpack, design Stripes

"Caseman" notebook backpack for 15.4" notebooks

- Sportive design backpack
- Weight: 1.5 kg
- Dimensions: 370 x 470 x 170 mm
- Versatile design notebook backpack
- Caseman design logo on zipper, front and rear
- Front compartment with zipper, key snap and mobile phone pocket
- Space-saving foldable notebook compartment
- Holding strap with Velcro fastener and super soft padding optimally protect the notebook
- Generous 3-part document compartment with holding strap
- Lateral mesh pockets provide additional storage space
- Ergonomically shaped shoulder straps

370 x 470 x 70 mm
Weight 1,5 kg

Max. Cargo
10 kg

15,4"

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new **NBK CASEM MS ST**   ctn qty. 7   EDP-No. 22447

CASEMAN notebook messenger bag, design Stripes

Fashionably designed "Caseman" notebook bag for 15.4" notebooks

- Weight: 1.3 kg
- Dimensions: 340 x 440 x 110 mm
- Versatile design college bag
- Caseman design logo on zipper and front
- 2 small front compartments pockets with zippers
- Outside compartments with zippers at the front and rear
- Space-saving foldable notebook compartment
- Holding strap with Velcro fastener and super soft padding optimally protect the notebook
- Generous storage space and additional zippered compartment

440 x 340 x 110 mm
Weight 1,3 kg

Max. Cargo
10 kg

15,4"

Mobile World

www.vivanco.com

Notebook Bags   Caseman

NBK CASEM MS FL   ctn qty. 7   EDP-No. 22448 `new`
CASEMAN notebook messenger bag, design Flower

Fashionably designed "Caseman" notebook bag for 15.4" notebooks

- Weight: 1.3 kg
- Dimensions: 340 x 440 x 110 mm
- Versatile design college bag
- Caseman design logo on zipper and front
- 2 small front compartments pockets with zippers
- Outside compartments with zippers at the front and rear
- Space-saving foldable notebook compartment
- Holding strap with Velcro fastener and super soft padding optimally protect the notebook
- Generous storage space and additional zippered compartment

440 x 340 x 110 mm
Weight 1,3 kg

Max. Cargo
10 kg

15,4"

Mobile World

Mobile World

Notebook Bags   Sporty

new NBK Sporty BP   ctn qty. 4   EDP-No. 22458
Sporty Notebook Bag „Backpack" 15,4"

Sporty super lightweight, sportive notebook "Backpack" for 15.4" notebooks

- Weight: 0.72 kg
- Dimensions (l x w x h): 330 x 440 x 170 mm
- Can bear up to 10 kg
- Super lightweight notebook backpack for 15.4" notebooks
- Vivanco Sporty logo at the front
- Main compartment: 285 x 440 x 110 mm
- Softly padded notebook compartment with holding strap: 285 x 410 x 55 mm
- Mesh pocket and compartments for pens and business cards
- Front compartment with pocket for mobile phone and key ring
- Lateral pocket for drinking bottle
- Extra pocket for MP3 player with headphone recess
- Padded back and shoulder straps
- Adjustable belly strap for optimum fit

330 x 440 x 170 mm | Weight 0,72 kg | Lightweight | Max. Cargo 10 kg | 15,4"

new NBK Sporty BA   ctn qty. 4   EDP-No. 22460
Sporty Notebook Bag „Basic" 15,4"

Sporty super lightweight, sportive "Basic" notebook bag for 15.4" notebooks

- Weight: 0.85 kg
- Dimensions (l x w x h): 420 x 340 x 95 mm
- Can bear up to 10 kg
- Super lightweight notebook bag for 15.4" notebooks
- Vivanco Sporty logo at the front
- Main compartment: 405 x 315 x 70 mm
- Softly padded notebook compartment with holding strap: 380 x 230 x 60 mm
- Organizer compartment for mobile phone, pens and business cards
- Trolley holder with Velcro fastener for easy transport
- Ergonomic handle for comfortable carrying
- Robust, adjustable shoulder strap

420 x 340 x 95 mm | Weight 0,85 kg | Lightweight | Max. Cargo 10 kg | 15,4"

new NBK Sporty MS   ctn qty. 4   EDP-No. 22461
Sporty Notebook Bag „Messenger" 15,4"

Sporty super lightweight, sportive notebook bag "Messenger" for 15.4" notebooks

- Weight: 1 kg
- Dimensions (l x w x h): 420 x 340 x 110 mm
- Can bear up to 10 kg
- Super lightweight notebook bag for 15.4" notebooks
- Vivanco Sporty logo at the front
- Main compartment: 400 x 310 x 90 mm
- Softly padded notebook compartment with holding strap: 380 x 280 x 60 mm
- 2-part document compartment
- Pockets for mobile phone, pens and business cards
- Front compartment with zipper
- Handle for comfortable carrying
- Robust shoulder strap

420 x 340 x 110 mm | Weight 1,0 kg | Lightweight | Max. Cargo 10 kg | 15,4"

Notebook Bags   Youngline

Notebook Bag in Courier Design

The bag is carried diagonally across the shoulder; for cycling or kickboarding an additional strap (backpack strap) prevents the bag from slipping to the front. The bag features several reflective appliqués that increase the passive safety.

NBK YL D1A   ctn qty. 4   EDP-No. 19001
Notebook bag Youngline Design "Street"

NBK YL D2A   ctn qty. 4   EDP-No. 19002
Notebook bag Youngline Design "Manga"

LIMITED DESIGN EDITION **street**

LIMITED DESIGN EDITION **manga**

Features:

- Bag design precisely tailored to the target group
- Very trendy and topical designs
- The deliberate limitation of the designs stimulate additional buying power
- Backpack strap fully stashes away in an outside pocket
- Main compartment approx. 400 x 300 x 100 mm
- Padded notebook compartment 360 x 280 x 60 mm (up to 15.4" notebooks)
- Large full-flap with extra-large velcro fasteners
- 2 large outside pockets with 360 x 220 mm zipper (> DIN A4); one with key ring
- Main compartment with extensive organiser system comprising: 2 zippered pockets, pen loops, pockets for business cards and large webbed pocket
- The main compartment also features an umbrella pocket and a strap securing the bag opening
- Extra-wide quick-adjust shoulder strap for converting from "messenger" to "backpack" length. The rest of the strap stashes away in a strap tunnel
- Large shoulder pad with velcro fastener for attaching the backpack strap and a enclosed mobile phone pouch
- Adjustable backpack strap with velcro/press stud fastening

Mobile World

450 x 350 x 150 mm
Weight 1,0 kg

Max. Cargo
10 kg

15,4"

Shop display for sales promotion

Notebook Bags   Bundles

new **NBK Bundle FM**   ctn qty. 5   EDP-No. 21550

Notebook bundle with wireless mouse

The FM Notebook Bundle is one of our new entry-level sets for notebook users. The robust bag is suitable for notebooks up to 17" and features a flexible interior. The bundle is completed by a wireless optical design mouse with USB receiver (batteries included) in an attractive metallic-red finish!

- Notebook bag with rigid frame for notebooks up to 17" (bag dimensions 430 x 350 x 70 mm)
- Can bear up to 10 kg
- Flexible inner partitioning possible
- Document compartment, holder for pens, business cards and small parts
- With carrying strap
- Optical mouse with 800 dpi resolution
- 27 MHz radio technology (2 channels)
- 3 buttons with scroll wheel
- Metallic-red with silver base and corresponding USB receiver
- With batteries

430 x 350 x 70 mm	Max. Cargo		800 dpi	27 MHz	
Weight 1,1 kg	10 kg	17"	Optical Sensor	2 Channels	USB Plug

new **NBK Bundle 3 in 1**   ctn qty. 5   EDP-No. 21546

3in1 notebook bundle

The 3in1 Notebook Bundle is one of our new entry-level sets for notebook users. The robust bag is suitable for notebooks up to 17" and features a flexible interior. The bundle is completed by an optical design mouse with USB connection and a passive 4-Port USB hub in an attractive metallic-blue design.

- Notebook bag with rigid frame for notebooks up to 17" (bag dimensions 430 x 350 x 70 mm)
- Can bear up to 10 kg
- Flexible inner partitioning possible
- Document compartment, holder for pens, business cards and small parts
- With carrying strap
- Optical mouse with 800 dpi resolution
- 3 buttons with scroll wheel
- Metallic-blue with black base station and decorative silver stripe
- USB connection
- USB hub (passive) with 4 ports
- Short cable for connection to the PC

430 x 350 x 70 mm	Max. Cargo		800 dpi	4 Port	
Weight 1,1 kg	10 kg	17"	Optical Sensor	USB Hub	USB Plug

All bags without content!

Mobile World

Notebook Bags   Bundles

NBK BUNDLE   ctn qty. 5   EDP-No. 18929 **new**

Notebook bag and optical mouse for notebooks up to 17"

Bag:
- Robust frame for special protection
- Two main compartments with many pockets and compartments
- Notebook compartment adapts to notebook size with partitions,
  inside dimensions: approx. 400 x 320 x 60 mm (up to 17" notebooks)
- Carrying handle and shoulder strap

Mouse:
- Optical sensor with 400dpi resolution
- 3 buttons and scroll wheel
- USB connection: no driver required for Microsoft® Windows® 98SE, ME, XP

430 x 250 x 120 mm	Max. Cargo		400 dpi
Weight 1,4 kg	10 kg	17"	USB

Notebook Bags   Promotion

NBK BAG 15   ctn qty. 5   EDP-No. 20378 **new**

Notebook bag for Notebooks up to 15,4"

Sportive notebook bag with shoulder strap. Bag made of robust and durable wear-proof nylon.

- Colour: black with silver decorations
- Two robust hand straps for carrying
- Three bag compartments for a tidy bag interior.
- Front pocket compartment with zipper: triple pen compartment, double business card compartment
- Center pocket compartment with double zipper and extra thick padding for the notebook
- Rear pocket compartment
- Shoulder strap (adjustable up to 1200 mm length), black
- Particularly ergonomic: diagonally fastened attachment eyes for the shoulder strap
- Bag dimensions: 410 x 310 x 70 mm
- Usable interior dimensions for notebook: 400 x 300 x 65 mm

410 x 310 x 70 mm	Max. Cargo	
Weight 1,2 kg	10 kg	15,4"

Sleeves

new **BAZ NBK BAG 12" BLACK** ctn qty. 6 EDP-No. 22420
Attractive protective cover for notebooks up to 12"

- Durable wear-proof neoprene material
- High quality zipper
- bazoo logo appliqué

280 x 230 x 4 mm
Weight 0,23 kg

Max. Cargo
5 kg

12"

new **BAZ NBK BAG 15" BLACK** ctn qty. 6 EDP-No. 22421
BAZ NBK BAG 15" ORANGE ctn qty. 6 EDP-No. 22423
BAZ NBK BAG 15" MARINE ctn qty. 6 EDP-No. 22424
Attractive protective cover for notebooks up to 15"

- Durable wear-proof neoprene material
- High quality zipper
- bazoo logo appliqué

360 x 300 x 50 mm
Weight 0,25 kg

Max. Cargo
5 kg

15"

new **BAZ NBK BAG 17" BLACK** ctn qty. 6 EDP-No. 22422
Attractive protective cover for notebooks up to 17"

- Durable wear-proof neoprene material
- High quality zipper
- bazoo logo appliqué

400 x 300 x 50 mm
Weight 0,27 kg

Max. Cargo
5 kg

17"

Mobile World

Overview Notebook Bags

	Product	EDP-No.	Dimensions W x H x D (mm)	Weight kg	Notebook compartment W x H x D (mm)	Notebook size	Page
Executive	NBK EXE CLASSIC	22449	430 x 370 x 100	1,8	370 x 280 x 75	15,4"	40
	NBK EXE PILOT	23228	420 x 300 x 210	2,2	400 x 280 x 70	17"	40
	NBK EXE MODERN	22450	420 x 400 x 110	1,6	365 x 275 x 55	15,4"	41
	NBK EXE ECO	23229	420 x 320 x 90	1,6	400 x 290 x 55	17"	41
	NBK EXE EASY	22451	420 x 370 x 80	1,3	390 x 280 x 70	15,4"	41
Traveller	NBK MEM BAG 15,4"	18923	350 x 285 x 40	0,38	350 x 285 x 40	15,4"	43
	NBK TRV PILOT	21858	420 x 380 x 235	4,4	360 x 290 x 50	15,4"	42
	NBK TRV TROLLEY	21859	410 x 460 x 250	4,3	360 x 290 x 50	15,4"	42
Lady	NBK EXE LADY	22452	420 x 370 x 90	1	350 x 285 x 60	15"	44
	NBK LADY SAND	22453	400 x 400 x 90	0,9	385 x 295 x 55	15,4"	44
	NBK LADY SWAMP	22454	400 x 400 x 90	0,9	385 x 295 x 55	15,4"	45
	NBK LADY CHOC	22455	400 x 400 x 90	0,9	385 x 295 x 55	15,4"	45
Caseman	NBK CASEM MS GR	23233	390 x 245 x 45	0,9	320 x 245 x 45	15,4"	46
	NBK CASEM BP ST	22446	370 x 470 x 170	1,5	300 x 300 x 70	15,4"	46
	NBK CASEM MS ST	22447	440 x 340 x 110	1,3	380 x 280 x 55	15,4"	46
	NBK CASEM MS FL	22448	440 x 340 x 110	1,3	380 x 280 x 55	15,4"	47
Sporty	NBK SPORTY BP	22458	440 x 330 x 170	0,72	285 x 410 x 55	15,4"	48
	NBK SPORTY BA	22460	420 x 340 x 95	0,85	380 x 230 x 60	15,4"	48
	NBK SPORTY MS	22461	420 x 340 x 110	1	380 x 280 x 60	15,4"	48
Youngline	NBK YL D1A	19001	450 x 350 x 150	1	360 x 280 x 60	15,4"	49
	NBK YL D2A	19002	450 x 350 x 150	1	360 x 280 x 60	15,4"	49
Bundles	NBK BUNDLE FM	21550	430 x 350 x 70	1,1	400 x 280 x 70	17"	50
	NBK BUNDLE 3IN1	21546	430 x 350 x 70	1,1	400 x 280 x 70	17"	50
	NBK BUNDLE	18929	430 x 350 x 120	1,4	400 x 320 x 60	17"	51
Sleeves & Promotion	NBK BAG 15	20378	410 x 310 x 70	1,2	400 x 300 x 65	15,4"	51
	BAZ NBK BAG 12" BLACK	22420	330 x 290 x 20	10	330 x 290 x 20	12"	54
	BAZ NBK BAG 15" BLACK	22421	410 x 410 x 20	10	410 x 410 x 20	15"	54
	BAZ NBK BAG 15" ORANGE	22423	410 x 410 x 20	10	410 x 410 x 20	15"	54
	BAZ NBK BAG 15" MARIBNE	22424	410 x 410 x 20	10	410 x 410 x 20	15"	54
	BAZ NBK BAG 17" BLACK	22422	450 x 410 x 20	10	450 x 410 x 20	17"	54

Notebook Accessories   Power

new **NBK CAR EASY2**   ctn qty. 5   EDP-No. 23248

Universal car notebook voltage converter

For operating and charging standard notebook brands and models in the car

- Adjustable output voltage: 15 V to 24 V
- Max. power 120 Watts
- Input voltage 12 – 13.8 V
- Including 6 adapter plugs for Acer, Compaq, Dell,
  Gateway, HP, IBM, Sharp, Toshiba
- Weight: 500 g
- Packaging: blister

For Use in Car	For Use in Boat	120 Watt Output Max.	6 Tips Included	12-14 Volt Input	15-24 Volt Output

new **NBK TRAVEL**   ctn qty. 5   EDP-No. 23244

Multi travel adapter
Easy operation – for worldwide application!

Compact universal travel power plug adapter for easy conversion between all power plugs in all directions.
For use in Europe, USA, Canada, South America, U.K., Australia, Asia, and other countries
Compared to similar products, no inadvertent maloperation is possible: a mechanical interlock prevents plugging in a shock-proof plug and then plugging in another shock-proof or euro plug next to it.

6 A – 125 Volt Voltage	6 A – 230 Volt Voltage	Electrical Safety	LED Function LED	Rubber Coating	Easy Plug & Use Easy Installation

Notebook Accessories   Security

new **NBK Lock**   ctn qty. 5   EDP-No. 23240

Notebook Security Lock

In spite of its low weight extremely safe chain lock for securing valuable notebooks or beamers at the work place or when travelling.

- Sling loop around a table-leg, for example, and secure the lock insert on the unit
- No universal key but code system
- Weight only approx. 120 g

Theft Protection	For Notebook	For Beamer	6x3mm 6 x 3 mm Lock Needed	2m Length	Code Code Key

Mobile World

Notebook Accessories   Connectivity

NBK DOCK U2   ctn qty. 5   EDP-No. 14378
USB 2.0 Docking Station

Ideal upgrade option especially for making notebooks available to the typical interfaces of a desktop work station. Makes it possible to connect the notbook to a USB 2.0 connection for all household / office periphery devices such as printers, scanners, keyboard, mouse, LAN and other devices. The USB 2.0 standard ensures top performance for all interfaces.

- USB 2.0 standard, compatible with USB 1.1 / 1.0
- Maximum data rates of 480 Mbps (40 times faster than USB 1.1)
- 2 USB 2.0 ports for peripherals
- 1 PS/2 keyboard and 1 PS/2 mouse port
- 1 serial port
- 1 parallel printer port (IEEE -1284 standard)
- 10/100 Ethernet RJ45 port
- Including European plug power supply unit and USB cable
- Package: blister package

System requirements:
- USB 2.0 compatible computer
- Microsoft® Windows® 2000 /XP

For Notebook	USB 2.0	Up to **480** Mbit/s Speed	Up to **10/100** Mbit/s Speed	Incl. AC/DC Adapter

Mobile World

NBK USB REELER   ctn qty. 5   EDP-No. 23245 new
USB Reeler Cable
Extendable USB cable - ideal for travelling

Space-saving extendable USB A to USB B cable. Weight: only 34 g

USB 2.0	**1,2m** Reeler Cable	Reeler	Light Weight

NBK RJ11 REELER   ctn qty. 5   EDP-No. 23246 new
Modem Reeler Cable
Extendable telephone/modem cable

Space-saving extendable RJ11 (telephone/modem) cable. Weight: only 24 g

RJ11	**1,3m** Reeler Cable	Reeler	Light Weight

NBK RJ45 REELER   ctn qty. 5   EDP-No. 23247 new
Extendable network/ISDN connection cable

Space-saving extendable RJ45 (network/ISDN) cable. Weight: only 24 g

RJ45	**1,3m** Reeler Cable	Reeler	Light Weight

Mobile World

Notebook Accessories   USB Hubs & Card Reader

new **NBK USB4 HUB P**   ctn qty. 5   EDP-No. 23242
Notebook USB Hub
4-port USB hub for mobile use

- USB 2.0 hub for up to 4 USB devices
- A power supply can be connected to operate USB devices with higher power consumption
- With USB cable

USB 2.0	4 Port USB Hub	Power Socket	Easy Plug & Use Easy Installation

new **NBK USB SD/MMC**   ctn qty. 5   EDP-No. 23243
Notebook Card Reader
For miniSD/SD/MMC/RS-MMC memory cards

Compact USB2.0 card reader for reading from/writing to memory cards

- For SD/miniSD and MMC/RS-MMC memory cards, also high capacity cards
- USB plug hides inside the reader for safe transport
- Special surface coating for enhanced grip

Supports: SDHC 4 GB - 8 GB RS-MMC4.0 128 MB - 2 GB	USB 2.0	SD/ miniSD For Cards	MMC/ RS-MMC For Cards	Retractable USB Plug

Notebook Accessories   Periphery

NBK 10KEY   ctn qty. 10   EDP-No. 18808
Numeric Keypad for Notebooks

- Ergonomic numeric keypad with special keys for convenient typing of numbers at notebooks
- Retracting USB cord on the rear for setting the required cord length and for space-saving transport
- Num Lock LED
- Dimensions: 85 x 140 x 25 mm
- Weight: approx. 90 g
- Package: blister package

System requirements:
- USB 2.0 compatible computer

USB 2.0	Reeler	Easy Plug & Use Easy Installation	Light Weight

Notebook Accessories   Periphery

NBK SNAKE2   ctn qty. 5   EDP-No. 23249 **new**
Handy Workplace Illumination for Notebooks

- Provides spot illumination without disturbing anyone, ideal in darkened trains and airplanes
- Operates off the USB port
- Low power consumption due to LED technology
- Highly flexible swan neck for optimum focusing
- Weight: approx. 60 g
- Package: blister package

System requirements:
- USB port for power supply

USB 2.0	365 mm Length	LED Technology	Light Weight

NBK MSFOU   ctn qty. 5   EDP-No. 22235 **new**
Optical FM Notebook Mouse

- Receiver with USB connection
- For transport, the receiver can be fastened underneath the mouse
- 800 dpi resolution
- 3 buttons with scroll wheel
- Special coating of lateral surfaces for optimum grip
- On/Off switch for manual power saving
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later.

USB	800 dpi Resolution	Optical Sensor	Wireless FM	3 Buttons	FOR WIN 98SE 2000 ME XP Operating Systems	FOR WIN VISTA Operating Systems	FOR MacOS 9.x Operating Systems	FOR LINUX 2.6.x.y. Operating Systems

Mobile World

NBK MSOU 10   ctn qty. 5   EDP-No. 23241 **new**
Optical Notebook Mouse

Ergonomic 5-button notebook mouse

- USB connection
- 800 dpi resolution
- 5 buttons with scroll wheel (programmable, software available for downloading)
- Special coating of lateral surfaces for optimum grip
- Automatic cable reeler for space saving mouse transport
- For Windows® 98SE, 2000, ME, XP, Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later

USB	800 dpi Resolution	0,75m Reeler Cable	5 Buttons	Click and Scroll Wheel	FOR WIN 98SE 2000 ME XP Operating Systems	FOR WIN VISTA Operating Systems	FOR MacOS 9.x Operating Systems	FOR LINUX 2.6.x.y. Operating Systems

Notebook Accessories   Periphery

new **NBK MSOC 30 RDC**   ctn qty. 6   EDP-No. 22554
Optical Mini Hot Rod Display

The Optical Notebook Hot Rod – a homage to the chrome-decorated cars of the 1950ies and 1960ies.
In red, silver and black it ideally complements every notebook and every
design desk.

- USB or PS/2 connection possible (adapter enclosed)
- 800 dpi resolution
- Programmable scroll wheel
- 3 colours (red, black, silver) per display
- For Microsoft® Windows® 95, 98, 2000, ME, NT, XP and Vista
- For MacOS 9.x or later
- For Linux kernel 2.6.x.y and later.
- Packaging: blister

| USB | PS/2 | 800 dpi Resolution | Click and Scroll Wheel | FOR WIN 95/98 2000 ME NT XP Operating Systems | FOR WIN VISTA Operating Systems | FOR MacOS 9.x Operating Systems | FOR LINUX 2.6. x.y. Operating Systems |

Notebook Accessories   Multimedia

new **NBK MF MOB**   ctn qty. 5   EDP-No. 22540
Notebook Microphone

- Compact microphone for voice applications with the notebook (e.g. internet telephony)
- Plug & Play – simply hook to the microphone input

| ø 3,5 mm Audio Plug | Best for VoIP Internet Telephony | Light Weight |

Multimedia

Webcams

1,3M CAM 2.0 Tracking   ctn qty. 5   EDP-No. 21331
1.3 MPixel webcam with Motion Tracking and microphone

- 1.3 MPixel CMOS sensor
- Resolution 1280 x 1024 physical dots
- Interpolated resolution: 4 MPixel
- The Facetracking function automatically locates and centres the camera image on a person's face and
  follows the head's movements in front of the camera
- Can be aligned in horizontal and vertical direction
- Convenient software zoom function
- Adjustable focus for optimum video image
- Integrated microphone, also ideal for chatting
- Snapshot button for shooting stills
- USB 2.0 controller for fastest data transmission
- For stills, online chat and monitoring
- Compatible with all popular instant messenger programs
- Plug & Play: Install software, plug in camera – done!
- Resolutions: 1280 x 1024, 640 x 480
- Max. 30 fps @ 640 x 480, 15 fps @ 1280 x 1024
- Distance to motif: 10 cm to infinite
- Automatic white, brightness and contrast alignment
- Packaging: stackable blister

System requirements:
- Pentium® >= 500 MHz (or compatible PC)
- Active USB 2.0 Port.
- Microsoft® Windows® 2000, XP, Vista
- CD-ROM drive

VGA CAM SLIM   ctn qty. 5   EDP-No. 21342
VGA USB webcam with microphone

- CMOS VGA sensor
- Resolution: 640 x 480
- Newest single-chip hardware
- Ultra small design, ideal for notebooks and PCs
- Adjustable focus for optimum video image
- Video image in VGA format yields best results even at standard bandwidths
- Sensitive microphone (-44 dB), ideal for chat or internet telephony (VoIP)
- Snapshot button for shooting stills
- For stills, online chat and monitoring
- Compatible with all popular messenger programs
- Plug & Play: Install software, plug in camera – done!
- Max. 30 fps at a resolution of 640 x 480
- Distance to motif: 5 cm to infinite
- Automatic white, brightness and contrast alignment
- Camera weight: approx. 25 g
- Packaging: stackable blister

System requirements:
- 500 MHz processor or higher
- Active USB 1.1 or 2.0 port.
- DirectX 9.1 or later
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- CD-ROM drive

Multimedia

Multimedia

Webcams

VGA CAM   ctn qty. 5   EDP-No. 21330
VGA Webcam

- CMOS VGA sensor
- Resolution 640 x 480
- Compact design, for notebook and PC
- Laptop clip with integrated stand
- Ball joint for individual camera orientation
- Adjustable focus for optimum video image
- Video image in VGA format yields best results even at standard bandwidths
- Snapshot button for shooting stills
- For stills, online chat and monitoring
- Compatible with all popular instant messenger programs
- Plug & Play: Install software, plug in camera – done!
- Max. 30 fps at a resolution of 640 x 480
- Distance to motif: 20 cm to infinite
- Automatic white, brightness and contrast alignment
- Camera weight: approx. 75 g
- Packaging: stackable blister

System requirements:
- Pentium® >= 166 MHz (or compatible PC)
- Active USB 1.1 or 2.0 port.
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- CD-ROM drive

bazoo

neu **B_VGA CAM SNAKE**   ctn qty. 5   EDP-No. 22873
bazoo VGA webcam with LED and swan neck

- CMOS VGA sensor
- Resolution 640 x 480
- Elegant housing, for notebooks
- Swan neck for individual camera orientation
- Adjustable focus for optimum video image
- Video image in VGA format yields best results even at standard bandwidths
- 1 ultra bright LED for object illumination
- For stills, online chat and monitoring
- Compatible with all popular messenger programs
- Plug & Play: Install software, plug in camera – done!
- Max. 30 fps at a resolution of 640 x 480
- Distance to motif: 15 cm to infinite
- Automatic white, brightness and contrast alignment
- Packaging: stackable blister

System requirements:
- Pentium® >= 166 MHz (or compatible PC)
- Active USB 1.1 or 2.0 port.
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- CD-ROM drive

bazoo

neu **B_VGA CAM NB**   ctn qty. 5   EDP-No. 23453
bazoo VGA webcam, specially for notebooks

- CMOS VGA sensor
- Resolution 640 x 480
- Elegant housing, for notebooks
- 3D joint with integrated stand for optimum camera orientation
- Lens cover for camera protection during transport
- Fixed focus lens makes manual focusing redundant
- Video image in VGA format yields best results even at standard bandwidths
- For stills, online chat and monitoring
- Compatible with all popular messenger programs
- Plug & Play: Install software, plug in camera – done!
- Max. 30 fps at a resolution of 640 x 480
- Distance to motif: 20 cm to infinite
- Automatic white, brightness and contrast alignment
- Incl. automatically retracting USB extension cable
- Packaging: stackable blister

System requirements:
- Pentium® >= 166 MHz (or compatible PC)
- Active USB 1.1 or 2.0 port.
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista
- CD-ROM drive

Multimedia

Voice over IP

USB VOIP   ctn qty. 5   EDP-No. 22474

USB internet telephone set

The USB Voice over IP telephone set turns the PC into a communication centre. The extended function keys make the telephone set ideal for convenient operation of the widespread Skype VoIP platform.

- Separate keys for:
  - Navigation in contacts
  - Open Skype window
  - Call key
  - Dial key
  - Volume key
  - Numeric keypad
  - Setup key
- USB connection for easy installation
- Extra long cable for convenient operation, 2.5 m
- Magnetic holder for storing the set in a tidy workspace
- Special housing design
- Selectable ringing tones
- Optical LED call signal
- Capacitor microphone, -42dB sensitivity
- Drivers for Win2000, WinXP, Vista

Video & TV

DV Kit-N   ctn qty. 10   EDP-No. 23450

Digital Video Kit

The Vivanco Digital Video Kit makes video editing a mere pleasure. The Vivanco FireWire® card featuring 3 external and 1 internal connections is the ideal interface for DV camcorders and up to 62 further FireWire®-compatible devices. Video grabbing, editing, cutting, dubbing, disk recording and importing as well as exporting a multitude of popular formats is blindingly easy with Magix Video deLuxe - Vivanco Edition.

- Compatible with IEEE 1394, FireWire®, i.LINK
- Super fast transfer rates of up to 400 Mbps.
- Incl. IEEE 1394 4-pin to 6-pin cord, 1.5 m
- Full bundled video software: Magix Video deLuxe - Vivanco Edition
- 8 stereo tracks for video, audio and text
- Numerous special effects for video and audio
- Additional MPEG-2 export option
  (DARIM demo MPEG-2 encoder / optional upgrade)
- 1 CD with video and audio samples / motifs / templates
- Packaging: cardboard box

System requirements:
- Pentium® II >/= 266 MHz or compatible
- At least 64 MB RAM (128 MB)
- PCI Slot rev. 2.1/2.2
- At least 300 MB hard disk space
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista

Multimedia

Video editing and processing software from the multiple test winner inclusive

**The prizewinning Magix Video deluxe SE video editing and processing software from the multiple test winner comes with video tutorials for beginners and advanced users.
Turn your PC into a digital audio and video studio. Magix Video deluxe SE lets you:**

- **Capture videos (e.g. from analogue sources such as VHS, Hi8)**
- **Edit videos (e.g. create subtitles, crossfade effects and more) and write them to DVD/CD**
- **Create your own DVD menus**
- **Convert/encode audio files (MP3, WAV, CD-A)**
- **And much more (the software comes with a detailed description)**

Multimedia

Sound

SOUND 6C PCI-N   ctn qty. 5   EDP-No. 23449
6-channel PCI sound card

6-channel PCI sound card for connecting 6 speakers (5.1)

- Premium 3D sound experience through HRTF-based audio extension and 6-channel 16-bit DAC
- 16-bit full duplex CODEC with support for "Voice over IP" Internet telephony systems
- Support of: Microsoft® DirectSound 3DTM, Aureate® A3DTM interface and Creative® EAX interface
  C3DX Positional Audio for 4-channel speaker mode plus centre / subwoofer in 6-channel speaker mode
- Compatible with Legacy® Audio SB16
- DSL-based wavetable music synthesizer
- Supports DirectMusic™
- Incl. audio rack software and multi-channel demos
- Connections for 6 speakers, microphone, Line IN, 1 off Game – Midi
- Packaging: cardboard box
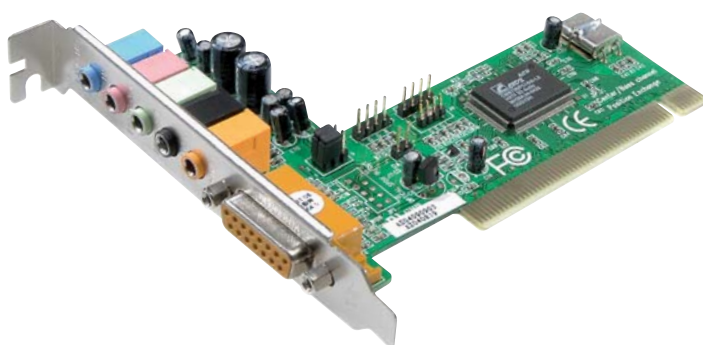
System requirements:
- 128+ MB RAM
- Free PCI slot
- Microsoft® Windows® 98, ME, 2000, XP, Vista and Linux

PC Performance

Product line and packaging concept

Why a product line "PC-Performance"?

When you buy a PC or notebook, you will sooner or later come to realise that one or the other interface is missing or that new technologies have emerged. You will then ask yourself how to add a specific interface to the PC or how to upgrade it so it matches the current state of technology again?

Vivanco products give the answers to these questions. The "PC-Performance" product line offers products for upgrading your PC with various interfaces and extensions. These products help you turn your PC into a "high tech workstation" individually adapted to your personal needs.

Two powerful POP packaging concepts

The product line features two different packaging types to meet the different POP presentation demands. The retailer's demand for his customers decides whether a cardboard box or blister packing is used. This ensures optimum product placement on the shelf or at the wall.

More complex products requiring more explanations, e.g. network components, are offered in cardboard packages. Products that can speak for themselves normally come in a blister packaging that makes them fully visible when presented in a shop system.

Both packaging types consequently bear the functional, sales promoting packaging elements. This comprises, for example, a clear packaging layout, simple pictograms highlighting the major product features, detail images. The product as such, the explanation of its function and its sales-relevant properties always stand in the foreground.

Cardboard packaging
1   Box type for standing or shelf presentation
2   Fully represented products displaying
    all major features
3   All major features in a prominent place
4   All relevant features "at a glance"

PC Performance
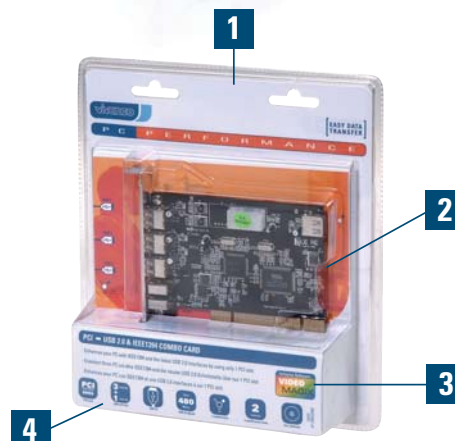
Blister packaging
1   Blisters for hanging or standing presentation
2   Fully visible products displaying all major features
3   All major features in a prominent place
4   All relevant features "at a glance"

65

PC Performance

Bluetooth®   USB Adapters

CLASS1
V2.0
100 m

Bluetooth®
Version 2.0

new **BT2 USB C1 EDR**   ctn qty. 5   EDP-No. 23231
AirConAction2 USB Bluetooth® V2.0 EDR Adapter Class 1

Provides a high speed connection from a computer to the wireless Bluetooth® world The Vivanco AirConAction2 USB Dongle is the ultimate solution if you want to easily and quickly link your PC with Bluetooth®-compatible devices such as PDAs, mobile phones, printers, etc.

Characteristics:
- Newest Bluetooth® Version V2.0 with EDR (Enhanced Data Rate)
- Data transmission rates of up to 3 Mbps (3 times faster than BT 1.X)
- Real Bluetooth® Class 1 product with a range of up to 100 m
- The included Bluetooth® software by TOSHIBA offers optimum support for all current BT profiles
- Worldwide standardized 2.4 GHz radio standard
- High data security through encryption and authentication
- Optimum reception due to freely movable antenna
- Wireless access to networks / the Internet without cable via Bluetooth® mobile phones or access points
- Incl. comfortable Bluetooth® Management Software for managing the Bluetooth® PAN (Personal Area Network) and the communication between the Bluetooth® compatible devices
- Includes USB extension cable, quick guide and extensive user manual on CD
- Packaging: blister

System requirements: - Computer with USB 1.1/2.0 support
                      - Microsoft® Windows® 2000, ME, XP or Vista

USB 2.0	Blue-tooth Version 2.0	CLASS1 100 m Bluetooth Version 2.0	EDR 3x Enhance Data Rate	7 Devices PicoNET	FOR VISTA Operating Systems	FOR 2000 ME XP Operating Systems	Incl. Driver	CD Manual

new **BT2 USB C2 EDR**   ctn qty. 5   EDP-No. 23232
AirConAction2 USB Bluetooth® V2.0 EDR Adapter Class 2

CLASS2
20 m

Bluetooth®
Version 2.0

Provides a high speed connection from a computer to the wireless Bluetooth® world The Vivanco AirConAction2 USB Dongle is the ultimate solution if you want to easily and quickly link your PC with Bluetooth®-compatible devices such as PDAs, mobile phones, printers, etc.

Characteristics:
- Newest Bluetooth® Version V2.0 with EDR (Enhanced Data Rate)
- Data transmission rates of up to 3 Mbps (3x faster than BT 1.X)
- The included Bluetooth® software by TOSHIBA offers optimum support for all current BT profiles
- Real Bluetooth® Class 2 product with a range of up to 20 m
- Worldwide standardized 2.4 GHz radio standard
- High data security through encryption and authentication
- Wireless access to networks / the Internet without cable via Bluetooth® mobile phones or access points
- Incl. comfortable Bluetooth Management Software for managing the Bluetooth®
  PAN (Personal Area Network) and the communication between the Bluetooth® compatible devices
- Includes quick guide and extensive user manual on CD
- Packaging: blister

System requirements: - Computer with USB 1.1/2.0 support
                      - Microsoft® Windows® 2000, ME, XP or Vista

USB 2.0	Blue-tooth Version 2.0	CLASS2 20 m Bluetooth Version 2.0	EDR 3x Enhance Data Rate	7 Devices PicoNET	FOR VISTA Operating Systems	FOR 2000 ME XP Operating Systems	Incl. Driver	CD Manual

What is Bluetooth® V 2.0 EDR?

Bluetooth® V 2.0 Enhanced Data Rate is the current version of the Bluetooth® software standard.
The most important new feature: 3x quicker possible data exchange rate between BT 2.0 devices.
The 2.0 standard is fully compatible with older version 1.0, 1.1 and 1.2 devices.

printer

computer   handheld

mobilfon
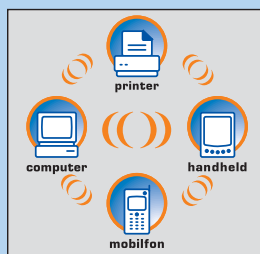
Bluetooth classification

Designation	Data transfer rate
Bluetooth V1.0 + V1.0B	max. 732,2 kBit/s
Bluetooth V1.1	max. 732,2 kBit/s
Bluetooth V1.2	max. 732,2 kBit/s
Bluetooth V2.0 + EDR	max. 2,1 Mbit's

PC Performance

USB-OTG   USB "On-The-Go"

USB OTG   ctn qty. 5   EDP-No. 19590   PC PERFORMANCE

USB OTG Copy Bridge

The USB OTG Copy Bridge conveniently copies data via the USB interface without requiring a notebook or PC. The applied technology is based on the universal USB OTG ("on-the-go") standard allowing for USB-based, PC-independent data exchange.

It solves the following problem: A PC is not at hand but you still have to copy data. With the USB OTG Copy Bridge you can do this.

- Exchange of data between two USB mass storage devices without a computer.
- Supports devices such as memory card readers, USB memory sticks, MP3 players, digital cameras or external USB hard disks.
- Compatible with the OTG and USB 2.0 specifications.
- Supports OTG-compatible USB devices as source or target medium
- One button operation (switch on, start copying)
- 2 Operating modes: Copy everything / Copy content of Root Directory
- Copies all file formats: exe, doc, mp3,…
- 3 status LEDs indicating the operating status
- Battery-driven (3 AAA cells)
- Comes with batteries
- Elegant, small and lightweight housing ideal for mobile use
- Package: stackable blister

The following applications are possible:

- Back up and copy data from a USB Pen Drive to another USB mass storage medium
- Back up and copy data from a USB card reader to another USB mass storage medium
- Back up and copy data from an external USB hard disk to another USB mass storage medium
- Back up and copy data from a digital camera to another USB mass storage medium
- Back up and copy MP3 files from an MP3 player to another USB mass storage medium

USB stick

USB stick

Card reader

MP3 player

Digital cam

External HD

USB source media ➔ **USB target media**

● **Mobile data backup at all times**   **Mobile freedom without PC**

● **Copy all file formats such as mp3, exe, doc**   **Universal device**

● **Easy to operate: Switch on, connect, go**   **Easy application for everyone**

PC Performance

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PC Performance

USB   Hubs

USB2 HUB 7-N   ctn qty. 5   EDP-No. 23422
USB 2.0 HUB "Compact" with 7 USB ports

Compact 7-port USB 2.0 hub for connecting up to seven USB 2.0 or USB 1.1 devices.
With USB 2.0 cable and power pack.

- Elegant design with 5 USB ports at the front and 2 USB ports at the rear
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- With power supply 5 V, 3.5 A for devices with high power consumption such as USB hard disks
- Packaging: stackable blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP and Vista or MAC OS 9.x+

USB 2.0	Up to 480 Mbit/s Speed	7 Port USB Hub	Incl. AC/DC Adapter	FOR VISTA Operating Systems	FOR 98SE 2000 ME XP Operating Systems	FOR LINUX 2.6.x.y. Operating Systems	FOR MAC OS 9.x Operating Systems

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new ### USB2 HUB 4A FLIP   ctn qty. 5   EDP-No. 23443
USB 2.0 HUB "Flip" with 4 USB ports

Compact 4-port USB 2.0 hub for connecting up to four USB 2.0 or USB 1.1 devices, with USB 2.0 cable
and power supply.

- Elegant design with 3 USB ports at the (folding) front and 1 USB port at the rear
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.x
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Including blue function LEDs
- With power supply 5V, 2A for devices with high power consumption such as USB hard disks
- Packaging: stackable blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista, Linux or MAC OS 9.x+

USB 2.0	Up to 480 Mbit/s Speed	4 Port USB Hub	Incl. 2A AC/DC Adapter	FOR VISTA Operating Systems	FOR 98SE 2000 ME XP Operating Systems	FOR LINUX 2.6.x.y. Operating Systems	FOR MAC OS 9.x Operating Systems

USB   Hubs

USB2 HUB 4A-N   ctn qty. 5   EDP-No. 23442 new
USB 2.0 HUB with 4 USB ports

Elegant 4-port USB 2.0 hub for connecting up to four USB 2.0 or USB 1.1 devices.
With USB 2.0 cable and euro power pack.

- Elegant design with 4 USB ports
- 1 USB port suited for connecting bulky USB devices without blocking the other ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.x
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Including function LEDs
- With power supply 5 V, 2A for devices with high power consumption such as USB hard disks
- Packaging: stackable blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista, Linux or MAC OS 9.x+

| USB 2.0 | Up to 480 Mbit/s Speed | 4 Port USB Hub | 2A Incl. AC/DC Adapter | FOR WIN VISTA Operating Systems | FOR WIN 98SE 2000 ME XP Operating Systems | FOR LINUX 2.6. x.y. Operating Systems | FOR MAC OS 9.x Operating Systems |

USB2 HUB 4P-A   ctn qty. 5   EDP-No. 23446 new
USB 2.0 HUB with 4 USB ports

USB 2.0 hub with two ports allowing 180° rotation
USB 2.0 hub for up to 4 USB devices. For use with a PC or a notebook

- For USB devices with low power requirement (self-powered mode), e.g. USB mice and devices with
  their own power supply
- USB 2.0 chipset
- Compatible with USB 1.0 / 1.1
- Two ports that can be rotate by 180° to prevent the ports from being blocked
  by bulky USB devices
- Power supply socket for optional power supply
- 1.8 m USB lead
  Dimensions: 105 x 20 x 20 mm
- Function LED
- Packaging: blister

System requirements:
- USB connection
- Windows® ME, 2000, XP, Vista, MAC OS 9.x+, Linux

| USB 2.0 | Up to 480 Mbit/s Speed | 4 Port USB Hub | FOR WIN VISTA Operating Systems | FOR WIN 98SE 2000 ME XP Operating Systems | FOR LINUX 2.6. x.y. Operating Systems | FOR LINUX 2.6. x.y. Operating Systems | FOR MAC OS 9.x Operating Systems |

PC Performance

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PC Performance

USB   Hubs

new **NBK USB4 HUB P**   ctn qty. 5   EDP-No. 23242

Notebook USB Hub
4-port USB hub for mobile use

- USB 2.0 hub for up to 4 USB devices
- A power supply can be connected to operate USB devices with higher power consumption
- With USB cable
- Packaging: blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+

| USB 2,0 | USB Hub | Power Socket | Easy Installation |

USB2 HUB 4P   ctn qty. 5   EDP-No. 23421

Passive USB 2.0 mini-hub with 4 ports

Very compact 4 port USB 2.0 hub for connecting up to four USB 2.0 or USB 1.1. devices with low power consumption or own power supply

- Compatible with data transfer rates: 480 Mbps, 12 Mbps and 1.5 Mbps
- Fully downward compatible with the USB 1.1 standard
- Including USB connecting cable
- Particularly suited for use with notebooks
- Package: blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+

| USB 2.0 | Speed | USB Hub | Operating Systems | Operating Systems | Operating Systems | Operating Systems |

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new **USB2 HUB CLI P**   ctn qty. 10   EDP-No. 22444

USB2.0 Hub "Clip", 4-port, with power supply

4-port USB -2.0 hub for connecting up to four USB 2.0 or USB 1.1 devices, with USB cable and power supply

- 480 Mbps, 40 times faster than USB 1.1
- Supports the following data rates: 480 Mbps, 12 Mbps and 1.5 Mbps
- Fully downward compatible with USB 1.1
- Hot-plug compatible: peripherals can be connected and disconnected at any time
- With power supply
- Packaging: cardboard

System requirements:
- Computer with USB support (preferably USB 2.0)
- Windows® 98, ME, 2000, XP or Vista

| USB 2,0 | Speed | USB Hub | Incl. AC/DC Adapter |

PC Performance

USB   Hubs

PRO USB2 HUB 4P   ctn qty. 10   EDP-No. 22231 new
Passive USB 2.0 HUB with 4 ports

USB 2.0 hub for connection of up to 4 USB devices for application with a notebook or desktop PC

- For USB devices with low power consumption (self-powered mode)
  e.g. USB mice and devices with separate power supply
- Compatible with USB 1.0 / 1.1
- Practical recess for connector in the device
- System requirements: USB port, Windows 98SE, ME, 2000, XP or Vista, MAC OS 9.x+ and Linux
- Dimensions: only 95 x 30 x 14.5 mm
- Status LED
- Packaging: blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+

USB 2,0	Up to 480 Mbit/s Speed	4 Port USB Hub	FOR WIN VISTA Operating Systems	FOR WIN 98SE 2000 ME XP Operating Systems	FOR LINUX 2.6. x.y. Operating Systems	FOR MAC OS 9.x Operating Systems

USB   Adapters

USB PS/2   ctn qty. 5   EDP-No. 10755
USB -> 2x PS/2 adapter

Provides two completly compatible PS/2 connections on PCs or notebooks

- USB to PS/2 port converter
- For simultaneous operation of PS/2 keyboard and PS/2 mouse
- PS/2 keyboard and PS/2 mouse connect to one adapter
- Compatible with USB 1.1 / 1.0
- Supports Hot Plug & Play
- Supports multimedia functions of common keyboards
- Package: blister

System requirements:
- Computer with USB support (USB 1.1 or higher)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+

USB	2 x PS/2	Multi-media Keys Support	0,3m Length	No Driver needed	FOR WIN VISTA Operating Systems	FOR WIN 98SE 2000 ME XP Operating Systems

USB PAR   ctn qty. 5   EDP-No. 10756
USB -> parallel / printer port adapter

Connects printer with Centronics port to USB port

- USB type A connector to Centronics 36 pin connector
- Supports standard PC parallel port applications
- Cable length: 1.8 m
- Compatible with USB 1.1 / 1.0
- Package: blister

System requirements:
- Computer with USB support (USB 1.1 or higher)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 9.x+

USB	Parallel - 36pin	Data Bi-Directional	1,8m Length	FOR WIN VISTA Operating Systems	FOR WIN 98SE 2000 ME XP Operating Systems	Incl. Driver	CD Manual

PC Performance

USB   Adapters

USB SER   ctn qty. 5   EDP-No. 10752

USB -> serial adapter

With PC or notebook this USB to serial adapter provides a completly compatible serial interface connection.

- Provides a full COM port
- USB to D-Sub 9 pin connector
- Supports all common RS-232 baud rates
- Fully UART-compatible
- Automatic USB protocol processing
- Suitable for all popular serial devices
- Cable length: 1.5 m
- Compatible with USB 1.1 / 1.0
- Package: blister

System requirements:
- Computer with USB support (USB 1.1 or higher)
- Microsoft® Windows® 98SE, 2000, ME, XP, or Vista

USB	Seriell - 9pin	Length	Operating Systems	Operating Systems	Incl. Driver

USB2 NET   ctn qty. 5   EDP-No. 12272

USB 2.0 -> Fast Ethernet adapter

This USB 2.0 to Fast Ethernet adapter converts an USB port on a PC or notebook into a high-speed Ethernet port. Due to the USB 2.0 high-speed technology (transfer rates of up to 480 Mbps) the full Ethernet bandwidth of 100 Mbps can be supported.

- High-speed USB 2.0 standard, compatible with USB 1.1
- 10/100 Mbps Fast Ethernet controller
- Compatible with IEEE 802.3u 100 BASE-T, TX, and T4
- Supports full and half duplex modes
- Cable length: 1.8 m
- Package: blister

System requirements:
- Computer with USB support (USB 2.0 required for 100 Mbps)
- Microsoft® Windows® 98SE, 2000, ME, XP, or Vista
- Nintendo® Wii®

USB 2,0	Speed	RJ45	Speed	Length	Operating Systems	Operating Systems	Operating Systems	Incl. Driver	CD Manual
	Up to 480 Mbit/s		Up to 10/100 Mbit/s	1,8m					

PC Performance

USB   Connections

USB2 EXT   ctn qty. 5   EDP-No. 21279
Active USB 2.0 extension

Active USB 2.0 Extension, extends USB ports by 5 m

- Signal booster integrated in extension
- Maintains the USB 2.0 signal quality and ensures compliance with USB specifications
- Allows cable extensions of up to 24 m
- Supports low-speed, high-speed and full-speed devices
- Cable length: 5 m
- Package: blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10.1+

USB 2.0	Up to 480 Mbit/s Speed	5m Length	No Driver needed	FOR VISTA Operating Systems	FOR 98SE 2000 ME XP Operating Systems	LINUX 2.6. x.y. Operating Systems	FOR MAC OS 9.x Operating Systems

USB LINK   ctn qty. 5   EDP-No.03987
USB Link Cable

- For easy data transfer between 2 PCs
- Simple Drag & Drop file transfer
- Enables print functions for remote files
- Enables power management and Remote Wake-up functions
- High-speed data transfer rate of 4 Mbps up to 8 Mbps
- Dual data buffer upports bidirectional file transfer.
- Meets USB specification Rev. 1.0 / 1.1
- Package: blister

System requirements:
- Computer compatible with USB 1.1 or higher
- Microsoft® Windows® 98SE, 2000, ME or XP

PC Performance

USB 2.0	Up to 8 Mbit/s Speed	Data Bi-Directional	For 2 PCs Data-Link	1,8m Length	FOR 98SE 2000 ME XP Operating Systems	Incl. Driver	CD Manual

PC Performance

USB   Connections

USB2 N-LINK   ctn qty. 5   EDP-No. 17197
USB 2.0 Network and Link Cable

This product uses the high-speed USB 2.0 interface featuring up to 40 times faster transfer rates than USB 1.1! The "Data Link" function allows file sharing in a Peer-to-Peer network. The "Bridge Network" function provides a fast and easy solution for setting up a network with up to 16 computers.

- "Data Link" function using the standard Microsoft® Windows® Explorer GUI
- High-speed transfer rates of more than 15 MB/sec
- Network communication with only one cable
- Implementation of a USB network with up to 17 PCs
- Supports TCP/IP, NetBEUI, IPX/SPX protocols
- Advanced Power Management including Suspend/Resume and Remote Wake-up function
- Suitable for network gaming or shared use of files, printers, peripherals, etc.
- Cable length: 1.8 m
- Package: blister

System requirements:
- Computer with USB support (preferably USB 2.0)
- Microsoft® Windows® 98SE, 2000, ME or XP

2 x USB	Up to 120 Mbit/s Speed	Data Bi-Directional	For up to 3 PCs Data-Link	For up to 16 PCs Network	1,8m Length	FOR WIN 98SE 2000 ME XP Operating Systems	Incl. Driver	CD Manual

USB   Interface

IO 4+1 USB2   ctn qty. 5   EDP-No. 23418
PCI -> USB 2.0 card 4+1 port

The high-speed USB controller card provides a USB 2.0 standard interface. This USB controller supports all USB devices and high-speed USB data rates.

- Supports maximum data rates of 480 Mbps (40 times faster than USB 1.1)
- Meets USB specification Rev. 2.0
- Downward compatible with USB 1.1
- 4 external and 1 internal downstream (type A) ports
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- For 32 bit PCI slots
- Supports Plug & Play standard
- Package: blister

System requirements:
- Computer with PCI slot rev. 2.2 or kompatibel
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

PCI Card	USB 2.0	Up to 480 Mbit/s Speed	4 external + Port 1 internal USB High Speed	FOR WIN VISTA Operating Systems	FOR WIN 98SE 2000 ME XP Operating Systems	Incl. Driver	CD Manual

PC Performance

USB   Interface

IO 2 USB2 GX-N   ctn qty. 5   EDP-No. 23417
PCI -> USB 2.0 Karte with 2 USB Ports

This high-speed USB controller card provides interfaces according to the USB 2.0 standard.
It supports all USB devices and high-speed USB data rates.

- 2 external downstream USB (type A) ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Supports Plug & Play standard
- Packaging: cardboard box

System requirements:
- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

PCI Card	USB 2.0	Speed	USB High Speed	Operating Systems	Operating Systems	Incl. Driver	CD Manual
PCI		Up to 480 Mbit/s	2 Port	FOR WIN VISTA	FOR WIN 98SE 2000 ME XP		

IO 2 USB2-N   ctn qty. 5   EDP-No. 23420
PCI -> USB 2.0 Karte with 2 USB Ports

This high-speed USB controller card provides interfaces according to the USB 2.0 standard.
It supports all USB devices and high-speed USB data rates.

- 2 external downstream USB (type A) ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Supports Plug & Play standard
- Packaging: blister

System requirements:
- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

PCI Card	USB 2.0	Speed	USB High Speed	Operating Systems	Operating Systems	Incl. Driver	CD Manual
PCI		Up to 480 Mbit/s	2 Port	FOR WIN VISTA	FOR WIN 98SE 2000 ME XP		

PC Performance

PCC 2 USB2-N   ctn qty. 5   EDP-No. 23419
Cardbus -> USB 2.0 card with 2 USB ports

This high speed Cardbus card provides interfaces according to the USB 2.0 standard.
It supports all USB devices and high-speed USB data rates.

- 2 external downstream USB (type A) ports
- Supports data rates of up to 480 Mbps
- Meets USB specification Rev. 2.0, fully downward compatible with USB 1.X
- Suitable for all low-speed (1.5 Mbps), full-speed (12 Mbps) and high-speed (480 Mbps) USB devices
- Supports Cardbus Plug & Play standard
- Can be extended with an optional power supply (5 V, >1.5 A, 4x1.7 connectors, e.g. Vivanco 19573) for
  operating USB devices with extreme power requirements
- Packaging: blister

System requirements:
- Computer with 32-bit Cardbus / PCMCIA type II slot
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10.1+

Cardbus	USB 2.0	Speed	USB High Speed	Operating Systems	Operating Systems	Incl. Driver	CD Manual
Cardbus		Up to 480 Mbit/s	2 Port	FOR WIN VISTA	FOR WIN 2000 ME XP		

PC Performance

IEEE 1394   FireWire®, i-LINK®

IO 2+3 1394/USB2-N   ctn qty. 5   EDP-No. 23433
PCI -> 2 IEEE 1394 and 3 USB 2.0 ports

This high speed PCI controller card provides interfaces according to the IEEE 1394 and USB 2.0 standards.

  2 external 6-pin IEEE 1394 ports (compatible with FireWire®, i-LINK)
- IEEE 1394 port data rate up to 400 Mbps
- 3 external and 1 internal USB 2.0 ports, compatible with USB 1.1/1.0
- USB 2.0 port data rate up to 480 Mbps
- Incl. IEEE 1394 6-pin to 4-pin cable
- With Magix Video Deluxe SE (2007), for details see page 63
- Supports Plug & Play standard
- Molex connector for power infeed directly from the PC power supply
- Packaging: blister

System requirements:
- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

PCI Card	Speed	I-Link/Firewire	Speed	USB 2.0	Software incl.	Operating Systems	Operating Systems	Incl. Driver	CD Manual
PCI	Up to 400 Mbit/s	2 Port	Up to 480 Mbit/s	3 external + 1 internal Port	Video	FOR WIN VISTA	FOR WIN 98SE 2000 ME XP		

IO 3 1394-N   ctn qty. 5   EDP-No. 23431
PCI -> 3 IEEE 1394 ports

This high speed PCI controller card provides interfaces according to the IEEE 1394 standard.

- 3 external 6-pin IEEE 1394 ports (compatible with FireWire®, i-LINK)
- IEEE 1394 port data rate up to 400 Mbps
- Incl. IEEE 1394 6-pin to 4-pin cable
- With Magix Video Deluxe SE (2007), for details see page 63
- Supports Plug & Play standard
- Molex connector for power infeed directly from the PC power supply
- Packaging: blister

System requirements:
- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

PCI Card	Speed	I-Link/Firewire	Software incl.	Operating Systems	Operating Systems	Incl. Driver	CD Manual
PCI	Up to 400 Mbit/s	3 Port	Video	FOR WIN VISTA	FOR WIN 98SE 2000 ME XP		

PCC 3 1394-N   ctn qty. 5   EDP-No. 23432
PCC -> 3x IEEE 1394 ports

This high speed Cardbus card provides interfaces according to the IEEE 1394 standard.

- 3 external 6-pin IEEE 1394 ports (compatible with FireWire®, i-LINK)
- IEEE 1394 port data rate up to 400 Mbps
- Incl. IEEE 1394 6-pin to 4-pin cable
- With Magix Video Deluxe SE (2007), for details see page 63
- Supports Plug & Play standard
- Can be extended with an optional power supply (12V, >1A, 3.5 x 1.3
  connectors, e.g. Vivanco 19573) for operating IEEE 1394 devices with
  high power requirements
- Packaging: blister

System requirements:
- Computer with 32-bit Cardbus / PCMCIA type II slot
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10.1+

Cardbus	Speed	I-Link/Firewire	Software incl.	Operating Systems	Operating Systems	Incl. Driver	CD Manual
Cardbus	Up to 400 Mbit/s	3 Port	Video	FOR WIN VISTA	FOR WIN 98SE 2000 ME XP		

PC Performance

Interface & IO   IDE & S-ATA

PCI UDMA 133-N   ctn qty. 5   EDP-No. 23409
PCI -> UDMA 133 controller with RAID

This High-Speed PCI Controller card provides two UDMA 133 RAID Interfaces.

- Supports RAID 0, RAID 1, RAID 0+1
- Maximum data rates of up to 133 MB/sec..
- Supports a maximum of 4 IDE/ATA devices
- Two independent Ultra ATA channels with 256 byte FIFO / channel
- Enhances data integrity of transferred data due to CRC protection and control
- Compatible with UDMA ATA/133 specifications
- Compatible with PCI rev. 2.2 specifications
- Package: blister
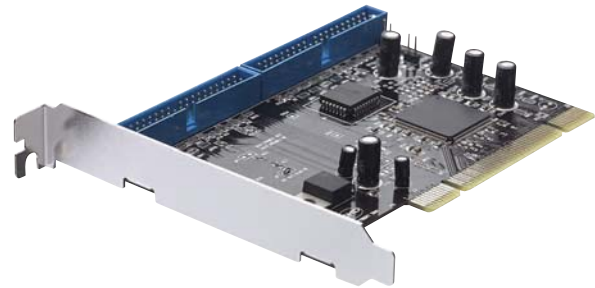
System requirements:
- Computer with PCI slot rev. 2.2 or kompatibel
- Microsoft® Windows® 98SE, 2000, ME, NT, XP or Vista

| PCI Card	Up to 133 Mbit/s Speed	Ultra DMA 133 Compliant	0 1 0+1 Raid	2 Port IDE internal	Incl. IDE Cable	FOR WIN VISTA Operating Systems	FOR WIN 98SE 2000 ME XP Operating Systems	Incl. Driver	CD Manual

PCI SATA 4R-N   ctn qty. 5   EDP-No. 23410
PCI -> 2x S-ATA RAID controller

This High-Speed PCI controller Card provides two S-ATA RAID Interfaces.

- Compatible with Serial ATA specification version 1.0 and PCI specification version 2.0
- Joint operation with Ultra ATA controller and connection of up to 2 SATA devices possible
- Up to 2 devices can be optionally connected to 2 external and 2 internal ports
- Supports the 32 bit wide PCI bus with 66 MHz and
- Data transfer rates of up to 150 MB/sec (1.5 Gb/s)
- Dual independent DMA channels with 256 KB FIFO / channel
- Software RAID 0 (striped) and RAID 1 (mirrored) support.
- GUI system monitoring
- RAID Set information display/logging/warning
- Administration of RAID Set functions (configuration, restore, etc.)
- 2 SATA data cables and 2 SATA power cables included
- Package: blister
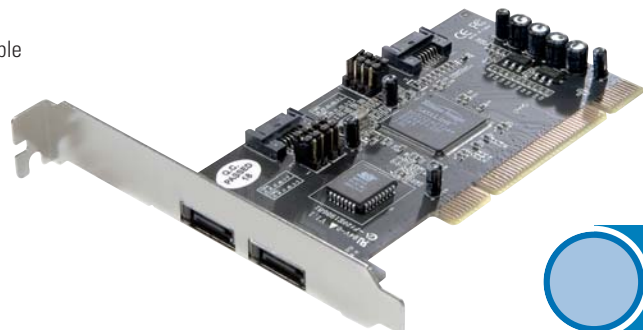
System requirements:
- Computer with PCI slot rev. 2.2 or kompatibel
- Microsoft® Windows® 98SE, 2000, ME, NT, XP or Vista

PCI Card	Up to 150 Mbit/s Speed	0 1 Raid	2 external + Port 2 internal SATA	Incl. SATA Cable

PC Performance

E-SATA SLOT   ctn qty. 5   EDP-No. 21552
Slot bracket with 2 external S-ATA ports

This slot bracket is used to make S-ATA interfaces on the main board or on controller cards available to external S-ATA devices.

- 2 external S-ATA input jacks
- 30 cm S-ATA cables with L-type connectors
- Package: blister

System requirements:
- Computer with S-ATA interfaces on the main board or on controller cards
- A free space for slot brackets

2 Port Serial ATA

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PC Performance

Network   Interface

NET 1000 PCI-N   ctn qty. 5   EDP-No. 23406

PCI -> 10/100/1000 Mbps Ethernet Card

This 10/100/1000 Mbps Gigabit Ethernet PCI card offers cutting-edge technology for wired networks.
It is ideal if you wish to boost data transfer speed, e.g. for video conferencing or other applications with large data volumes.

- IEEE 802.3, 802.3u & 802.3ab standard
- Fully compatible with existing 10/100 Mbps networks
- RJ45 port with automatic detection of 10 Mbps / 100 Mbps Fast /1000 Mbps Gigabit Ethernet
- RJ45 port supports auto-uplink (MDI-II / MDI-X) for all three speeds
- Full duplex (20/200/2000 Mbps)
- Supports IEEE 802.1Q VLAN
- Supports PCI 2.2 Wake-On-Lan power management
- LEDs on the bracket indicate the network status
- Package: blister

System requirements:
- Compatible with PCI 2.1 and 2.2 specifications
- Microsoft® Windows® 98 SE, 2000, ME, XP or Vista

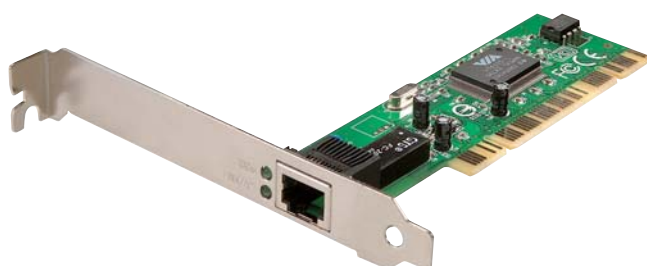| PCI Card	Fast Ethernet	Fast Ethernet	Full Duplex	Wake on LAN	RJ45	Operating Systems	Operating Systems	Incl. Driver	CD Manual
PCI	Up to 1 GIGA Bit/s	Up to 10/100/1000 Mbit/s	2000 200 20 Mbit/s			FOR WIN VISTA	FOR WIN 98SE 2000 ME XP		

NET 100 GX PCI-N   ctn qty. 10   EDP-No. 23412

PCI -> 10/100 Mbps Ethernet Card

This 10/100 Fast Ethernet PCI card lets you link your PC to a network or replaces legacy 10 Mbps adapters.

- For all networks compliant with the Fast Ethernet (100 Mbps) or Ethernet (max. 10 Mbps) standards
- IEEE 802.3, 10BASE-T & IEEE 802.3u 100Base-TX compatible
- Full duplex (20/200/2000 Mbps)
- RJ45 UTP (up to 10 Mbps only) or STP (100 Mbps) connection
- Supports PCI 2.2 Wake-On-Lan power management
- LEDs on the bracket indicate the network status
- Easy installation even for beginners due to P&P
- Package: cardboard box

Systemvoraussetzungen:
- Computer mit PCI Steckplatz Rev. 2.2 oder kompatibel
- Microsoft® Windows® 98 SE, 2000, ME, XP, Vista

PCI Card	Fast Ethernet	RJ45	Function LED	Operating Systems	Operating Systems	Incl. Driver	CD Manual
PCI	Up to 10/100 Mbit/s		LED	FOR WIN VISTA	FOR WIN 98SE 2000 ME XP		

PC Performance

Network   Interface

NET 100 PCI-N   ctn qty. 5   EDP-No. 23411
PCI -> 10/100 Mbps Ethernet Card

This 10/100 Fast Ethernet PCI card lets you link your PC to a cable network or can be used to replace defective or 10 Mbps adapters.

- For all networks compliant with the Fast Ethernet (100 Mbps) or Ethernet (max. 10 Mbps) standards
- IEEE 802.3, 10BASE-T & IEEE 802.3u 100Base-TX compatible
- Full duplex (20/200/2000 Mbps)
- RJ45 port
- LEDs on the bracket indicate the network status
- Easy installation even for PC novices due to P&P
- Packaging: blister

System requirements:
- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98 SE, 2000, ME, XP, Vista

PCI Card	Fast Ethernet	RJ45	Function LED	Operating Systems	Operating Systems	Incl. Driver	CD Manual

NET 1000 PCC-N   ctn qty. 5   EDP-No. 23404
PCI -> 10/100/1000 Mbps Ethernet Card

This 10/100/1000 Mbps Ethernet Cardbus provides Gigabit-Technology for cabled networks. This technology is ideal to accelerate datatransfer e.g. for videoconferences or other uses with high data volume.

- For all networks compliant with the Ethernet (max. 10 Mbps), Fast Ethernet (100 Mbps) or Gigabit Ethernet (1000 Mbps) standards
- PC card compliant with the Cardbus standard
- External adapter, fits every notebook with Cardbus (PC Card) slot
- Auto-sensing TripleSpeed 10, 100 or 1000 Mbps card
- Full duplex (20/200/2000 Mbps)
- STP connector can be connected/disconnected while network is online
- Package: blister

System requirements:
- Computer with 32 bit Cardbus / PCMCIA Typ II slot
- Microsoft® Windows® 98SE, 2000, ME, NT, XP or Vista

PC Performance

Cardbus	Fast Ethernet	Fast Ethernet	Full Duplex	RJ45	Function LED	Operating Systems	Operating Systems	Incl. Driver	CD Manual

PC Performance

Network   Interface

NET 100 PCC-N   ctn qty. 5   EDP-No. 23405
PCI -> 10/100 Mbps Ethernet Card

This 10/100 Fast Ethernet Cardbus provides to connect notebook or PC to cable networks, respectively replaced defect or slowly network connections.

- For all networks compliant with the Ethernet (max. 10 Mbps) or Fast
  Ethernet (100 Mbps) standards
- PC card compliant with the Cardbus standard
- External adapter, fits every notebook with Cardbus (PC Card) slot
- Auto-sensing DualSpeed 10 or 100 Mbps card
- Full duplex (20/200/2000 Mbps)
- STP connector can be connected/disconnected while network is online
- Package: blister

System requirements:
- Computer with 32 bit Cardbus / PCMCIA Typ II slot
- Microsoft® Windows® 95, Novell, Linux and later

Cardbus 32 Bit	Up to 10/100 Mbit/s	200 20 Mbit/s	RJ45	LED	FOR VISTA	FOR 98SE 2000 ME XP	Incl. Driver	CD Manual
Cardbus	Fast Ethernet	Full Duplex	RJ45	Function LED	Operating Systems	Operating Systems	Incl. Driver	CD Manual

Why gigabit networks?

For Ethernet networks, i.e. networks which are connected by twisted pair cables, two different speed levels are defined. 10 Mbps technology hardly figures anymore. 100 Mbps technology is already widespread and sufficient for most applications.

If extremely fast connections are required, 1000 Mbps or gigabit Ethernet technology can be used. It is important to note that all components, i.e. network cards, switches, routers and cables, have to be gigabit compatible.

Cables must correspond to at least CAT 5e.
Mbps = Mega Bits per second

PC Performance

Network   Switches

NET 100 SW5-N   ctn qty. 5   EDP-No. 23407 new
10/100Mbps Ethernet switch with 5 ports

Fast Ethernet Switch for establishing a star topology network of up to 5 network members such as PCs, print servers or NAS.

- For all 10/100 Mbps networks
- Standards: IEEE 802.3 (10Base-T), 802.3u (100Base-TX) and 802.3x (full duplex flow control)
- 5 RJ45 ports with auto-uplink
- Automatic detection of 100 Mbps or 10 Mbps data rates
- Supports full duplex (20/200 Mbps) and half duplex (10/100 Mbps) modes
- Network status indication by LEDs
- Dimensions: 125 x 70 x 30 mm
- With magnetic feet for fastening on the PC case, for example
- Packaging: blister

System requirements:
- Existing Ethernet network with 10/100 Mbps

| RJ45 | Up to 10/100 Mbit/s Fast Ethernet | Auto Uplink | 5 Port RJ 45 | Incl. AC/DC Adapter | LED Function LED | FOR WIN VISTA Operating Systems | FOR WIN 98SE 2000 ME XP Operating Systems | FOR LINUX 2.6.x.y. Operating Systems | FOR MAC OS 10.x + Operating Systems | CD Manual |

NET 100 SW8-N   ctn qty. 5   EDP-No. 23408 new
10/100Mbps Ethernet switch with 8 ports

Fast Ethernet Switch for establishing a star topology network of up to 8 network members such as PCs, print servers or NAS.

- For all 10/100 Mbps networks
- Standards: IEEE 802.3 (10Base-T), 802.3u (100Base-TX) and 802.3x (full duplex flow control)
- 8 RJ45 ports with auto-uplink
- Automatic detection of 100 Mbps or 10 Mbps data rates
- Supports full duplex (20/200 Mbps) and half duplex (10/100 Mbps) modes
- Network status indication by LEDs
- Dimensions: 125 x 70 x 30 mm
- With magnetic feet for fastening on the PC case, for example
- Packaging: cardboard

System requirements:
- Existing Ethernet 10/100 Mbps network

PC Performance

| RJ45 | Up to 10/100 Mbit/s Fast Ethernet | Auto Uplink | 8 Port RJ45 | Incl. AC/DC Adapter | LED Function LED | FOR WIN VISTA Operating Systems | FOR WIN 98SE 2000 ME XP Operating Systems | FOR LINUX 2.6.x.y. Operating Systems | FOR MAC OS 10.x + Operating Systems | CD Manual |

Wireless LAN

The terms "WLAN" or "wireless LAN" refer to the technology and products needed to integrate computers, PDAs, smartphones, multimedia servers or games consoles into a local area network WITHOUT CABLES. Often it is not possible to install network cables in buildings, e.g. rented flats (see system example I).

WLAN is the solution to this problem: computers and WLAN compatible devices can be arranged throughout buildings fully flexibly. The devices are even connected to each other, with network printers, memory devices and the internet through walls. When using notebooks or PDA, freedom is unlimited and there are no longer any cables to limit mobility (see system example II).

Internet in the whole house:
Online shopping,
Online banking
Media datenbank

System example I

Cellar
Study
Parlour
Garden

System example II

Cellar
Study
Parlour
Garden
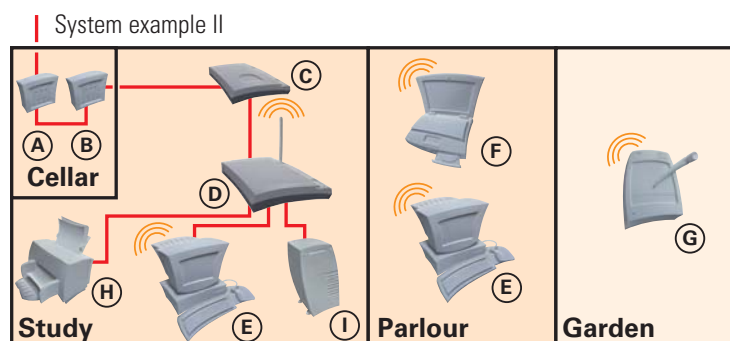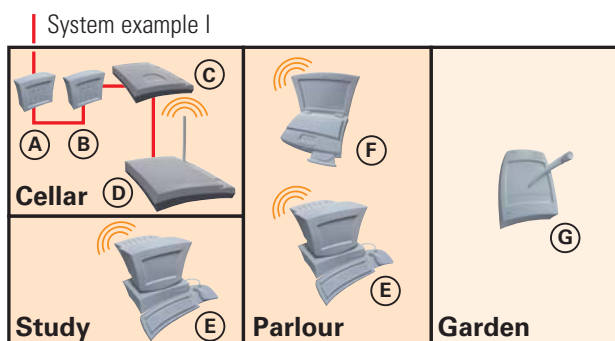
(A) : Domestic telephone line   (F) : Notebook
(B) : Splitter   (G) : PDA/SMARTPHONE
(C) : DSL modem   (H) : Printer with PrintServer
(D) : WLAN router   (I) : NAS = Network attached storage
(E) : Desktop PC with WLAN capability

802.11g
6x 1,4 MB/s

2 seconds
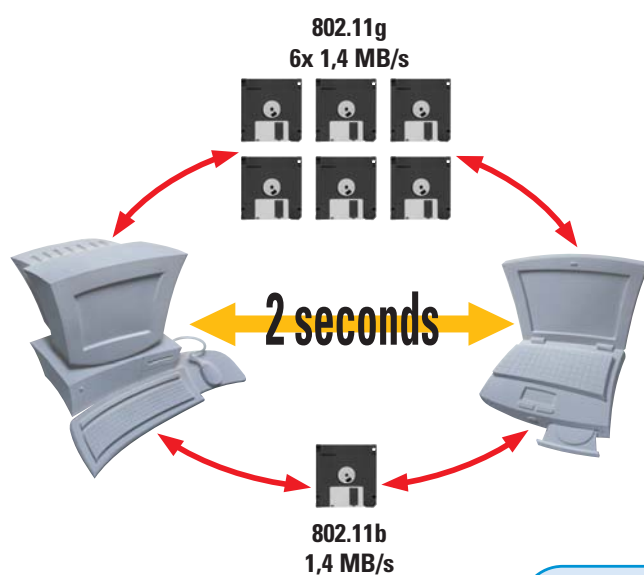
802.11b
1,4 MB/s

Speed of WLAN networks:

All WLAN technology is based on the IEEE 802.11 standard.
There are currently 2 subordinated standards which defined the basic speeds for this 2.4 GHz radio technology.
The IEEE 802.11b standard provides a gross data transfer rate of up to 11 Mbps* fo which approximately up to 1.4 MBps* can be transferred with the protocol technology, i.e. the content of a floppy disk per second.
The IEEE 802.11g standard provides 54 Mbps* gross data transfer rate of which only 27 Mbps is useable for data.
This is roughly equivalent to the content of 3 floppy disks per second.

Wireless Network
802.11b Standard **2,4 GHz**
11 Mbps

Wireless Network
802.11b/g Standard **2,4 GHz**
54 Mbps

IEEE 802.11b based networks are sufficient for occasional internet surfing with no major download requirement.

IEEE 802.11g based networks are sufficient for normal applications such as internet, e-mail or transmitting audio streams*.

*Mbps = million bits per seconds
*MBps = million bytes per seconds;
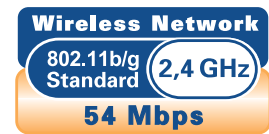 8 Bit = 1 Byte; *Streams = simultaneous transfer and reproduction of media data

PC Performance

Wireless LAN   54 Mbps

WLAN USB 54-N   ctn qty. 5   EDP-No. 23413 new
Wireless LAN USB adapter, 54 Mbps

Wireless Network
802.11b/g Standard 2,4 GHz
54 Mbps

This extremely compact USB 2.0 to Wireless LAN adapter allows wireless communication between a desktop or notebook PC and other Wireless LAN devices. This adapter not only allows to set up a network but also provides access to the Internet via hotspots in public locations. Easy to operate applications for configuration, monitoring and diagnosis purposes are enclosed.

- IEEE 802.11b/g standard
- Compatible with 802.11b and 802.11g standard devices
- 64- / 128-bit WEP and WPA encryption for data security
- Range: up to 100 m in buildings, up to 300 m out of doors (depends on ambient conditions)
- LED indicator for Link Status
- Dimensions: 77 x 26 x 12 mm
- Packaging: cardboard box

System requirements:
- Computer with USB support (USB 2.0 is required for max. data rates)
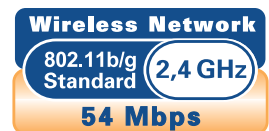- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

USB	Up to 54 Mbit/s Speed	Operating Range Outdoor 300 m	Operating Range Indoor 100 m	128/64 bit WEP Encryption	WPA Encryption	Function LED	Operating Systems FOR WIN VISTA	Operating Systems FOR WIN 98SE 2000 ME XP	Incl. Driver	CD Manual

WLAN PCI 54-N   ctn qty. 5   EDP-No. 23415 new
Wireless LAN PCI Card, 54 Mbps

Wireless Network
802.11b/g Standard 2,4 GHz
54 Mbps

PC Performance

This Wireless LAN PCI card allows wireless communication with highest data rates.
The 802.11b/g standard supports data rates of up to 54 Mbps.
Set up a network without routing any cables or allow your PC to access the Internet by wireless link to a WLAN router for example. Easy to operate applications for configuration, monitoring and diagnosis purposes are enclosed.

- IEEE 802.11b/g standard
- Compatible with 802.11b and 802.11g standard devices
- 64- / 128-bit WEP and WPA encryption for data security
- Range: up to 100 m in buildings, up to 300 m out of doors
  (depends on ambient conditions)
- LED indicator for Power and Link Status
- Packaging: cardboard box

System requirements:
- Computer with PCI slot Rev. 2.2 or compatible
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

PCI Card	Up to 54 Mbit/s Speed	Operating Range Outdoor 300 m	Operating Range Indoor 100 m	128/64 bit WEP Encryption	WPA Encryption	Operating Systems FOR WIN VISTA	Operating Systems FOR WIN 98SE 2000 ME XP	Incl. Driver	CD Manual

PC Performance

Wireless LAN   54 Mbps

WLAN PCC 54-N   ctn qty. 5   EDP-No. 23416
Wireless LAN Cardbus adapter, 54 Mbps

This Cardbus Wireless LAN adapter allows wireless communication with highest data rates. The 802.11b/g standard supports data rates of up to 54 Mbps. This adapter not only allows to set up a network but also provides access to the Internet via hotspots in public locations. Comes with easy to operate applications for configuration, monitoring and diagnosis purposes.

- IEEE 802.11b/g standard
- Compatible with 802.11b and 802.11g standard devices
- 64- / 128-bit WEP and WPA encryption for data security
- Range: up to 100 m in buildings, up to 300 m out of doors (depends on ambient conditions)
- LED indicator for Power and Link Status
- Packaging: cardboard box

System requirements:
- Computer with 32-bit Cardbus / PCMCIA type II slot
- Microsoft® Windows® 98SE, 2000, ME, XP or Vista

Wireless Network
802.11b/g Standard 2,4 GHz
54 Mbps

| Cardbus | Up to 54 Mbit/s Speed | Operating Range Outdoor 300 m | Operating Range Indoor 100 m | 128/64 bit WEP Encryption | WPA Encryption | FOR WIN VISTA Operating Systems | FOR WIN 98SE 2000 ME XP Operating Systems | Incl. Driver | CD Manual |

WLAN ROUT 54-N   ctn qty. 5   EDP-No. 23414
Wireless LAN 4-port router, 54 Mbps

Typical applications:
- Several PCs share a fast broadband internet connection via cable or wireless
- Joint usage of printers, scanners or storage media
- Online games and eCommerce
- Firewall function for more security and protection against hackers

Characteristics:
- Supports the PPPoE and PPTP protocol for ADSL
- Supports NAT; one single IP address for all network members
- Supports 64/128 bit WEP encryption, WPA security, MAC filtering, pakket filtering
- 10/100 Mbps data rate via the LAN switch
- Data rates of up to 54 Mbps via the WLAN Access Point
- DHCP server and client / virtual server mapping / DNS
- Firmware can be updated for later enhancements
- Quick start with Installation Wizard
- Easy configuration with web browser
- Packaging: cardboard box

System requirements:
- PC with Ethernet interface and web browser for router configuration and administration

Wireless Network
802.11b/g Standard 2,4 GHz
54 Mbps

| Up to 54 Mbit/s Speed | Operating Range Outdoor 300 m | Operating Range Indoor 100 m | 128/64 bit WEP Encryption | WPA Encryption | 4 Port Fast Ethernet Switch | MAC Filtering | FOR WIN VISTA Operating Systems | FOR WIN 98SE 2000 ME XP Operating Systems | FOR LINUX 2.6. x.y. Operating Systems | FOR MAC OS 10.x + Operating Systems | CD Manual |

PC Performance

Wireless LAN   54 Mbps

This integrated router forms the centrepiece of a wired / wireless network.

It combines Internet Gateway and Wireless LAN Access Point with a 4 port 10/100 Ethernet switch.
It has been conceived for home and office use and facilitates joint use of an internet connection, data memories or printers in a flexible network.

This product does not just provide several different features but makes initialisation and configuration possible in minutes.
The network and joint use of the internet can generate real savings.

Game Console

Notebook   AV-Receiver   PC

Printer

PC   PC   Lan Disk   ADSL/Cable Modem

Internet

Card Readers

RW 30-1 PCC   ctn qty. 5   EDP-No. 21324
Cardbus Card Reader

Ultra-compact 30 in 1 card-reading device for reading and writing memory cards. The highest reading and writing speeds are achieved thanks to a fast 32 bit Cardbus interface.

- 4-card slot for for memory cards of types
  - CF slot: CompactFlash™ Type I, CompactFlash™ Type II, MicroDrive,
                   embedded MicroDrive, HS CompactFlash™
  - SD slot: SD, MINI-SD*, MMC, MMC+, MMC 8bit, RS MMC*, RS MMC+*, RS MMC DV*,
                   RS MMC 8 bit*, TransFlash/micro SD *, C-Flash*
  - MS slot: MS, MS PRO, MS DUO*, MS PRO DUO*, MS MagicGate, MS PRO MagicGate,
                   MS DUO MagicGate*, MS PRO DUO MagicGate* MS Select, MS-ROM
  - SM/XD slot: SM, SM-ROM, XD, SSFDC
- Power supply via Cardbus connection
- Package: blister

* Adapter required (not included with delivery)

System requirements:
- Computer with 32 bit Cardbus / PCMCIA Type II slot
- Microsoft® Windows® 98SE, 2000, ME, XP or MAC OS 10+

PC Performance

Cardbus
Cardbus

30 in1

FOR WIN VISTA
Operating Systems

FOR WIN 98SE 2000 ME XP
Operating Systems

Incl. Driver

PC Performance

Card Readers

RW 38-1 U2 P   ctn qty. 5   EDP-No. 22443
USB 2.0 -> 38-in-1 Memory Card Reader

Compact 38-in-1 card reader for reading and writing memory cards. Supports the highest read and write rates due to the fast USB 2.0 (interface supports up to 480 Mbps). The memory card reader is equipped with a particularly high number of individual card slots, so that all storage media can be used directly WITHOUT an adapter.

- 4 combined card slots for memory cards of the following types:
- CF Slot: CompactFlash™ Typ I, CompactFlash™ Typ II, MicroDrive, embedded MicroDrive, HS CompactFlash™, CF-Platinum, CF-Professional, CF-PRO
- SD Slot: SD, MINI-SD, SD-HS, SD-Mobile, MMC, MMC+, MMC-HS, RS MMC, RS MMC+, RS MMC DV, MMC-Mobile, TransFlash, micro SD, C-Flash
- MS Slot: MS, MS PRO, MS DUO, MS PRO DUO, MS MagicGate, MS PRO MagicGate, MS DUO MagicGate, MS PRO DUO MagicGate, MS Select, MS-ROM
- SM/XD Slot: SM, SM-ROM, XD, XD(M), XD(H), SSFDC
- Power is supplied via the USB connection
- Packaging: cardboard box

System requirements:
- Computer with USB support (for max. data rates USB 2.0 is required)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10+

USB | Up to **480** Mbit/s Speed | **38 in1**

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new **RW 38-1 USB2-N**   ctn qty. 5   EDP-No. 23454
USB 2.0 -> 38-in-1 Memory Card Reader

Compact 38-in-1 card reader for reading and writing memory cards. Supports the highest read and write rates due to the fast USB 2.0 (interface supports up to 480 Mbps). The memory card reader is equipped with a particularly high number of individual card slots, so that all storage media can be used directly WITHOUT an adapter.

- 4 combined card slots for memory cards of the following types:
- CF Slot: CompactFlash™ Typ I, CompactFlash™ Typ II, MicroDrive, embedded MicroDrive, HS CompactFlash™, CF-Platinum, CF-Professional, CF-PRO
- SD Slot: SD, MINI-SD, SD-HS, SD-Mobile, MMC, MMC+, MMC-HS, RS MMC, RS MMC+, RS MMC DV, MMC-Mobile, TransFlash, micro SD, C-Flash
- MS Slot: MS, MS PRO, MS DUO, MS PRO DUO, MS MagicGate, MS PRO MagicGate, MS DUO MagicGate, MS PRO DUO MagicGate, MS Select, MS-ROM
- SM/XD Slot: SM, SM-ROM, XD, XD(M), XD(H), SSFDC
- Power is supplied via the USB connection
- Packaging: blister

System requirements:
- Computer with USB support (for max. data rates USB 2.0 is required)
- Microsoft® Windows® 98SE, 2000, ME, XP, Vista or MAC OS 10+

USB | Up to **480** Mbit/s Speed | **38 in1**

PC Performance

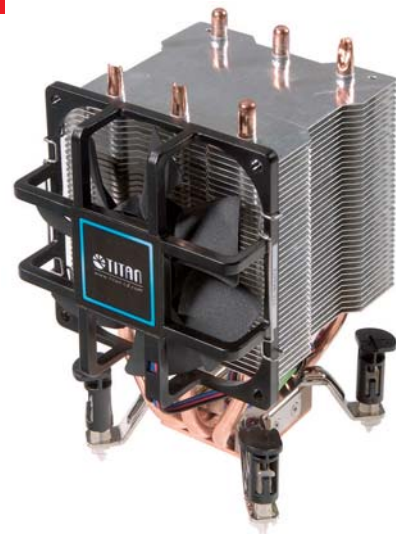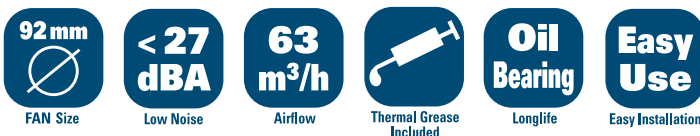## Case Components, CPU Coolers

CPU COOL PIPE   ctn qty. 5   EDP-No. 23440 **new**

Universal heatpipe cooler for the latest generation of AMD and Intel CPUs

High-performance CPU cooler with heatpipe technology for all the latest AMD and Intel processors: AMD* Athlon 64 (socket 754, 939, 940, 940 AM2) up to AMD FX 62. Intel* socket 775 (Intel Celeron, Intel P4, Intel D (Dual Core), Core 2 Duo, Core 2 Quad, Core 2 Extreme

- Heat sink with copper core
- Super silent 92 mm fan
- With high performance liquid bearings (Z-axis bearing)
- With fastening material for different series
- With thermal compound
- Fixed speed: 2200 rpm
- Air flow: max. 63.12 m³/h
- Noise level: < 26.9 dBA
- Packaging: blister

92 mm	< 27 dBA	63 m³/h		Oil Bearing	Easy Use
FAN Size	Low Noise	Airflow	Thermal Grease Included	Longlife	Easy Installation

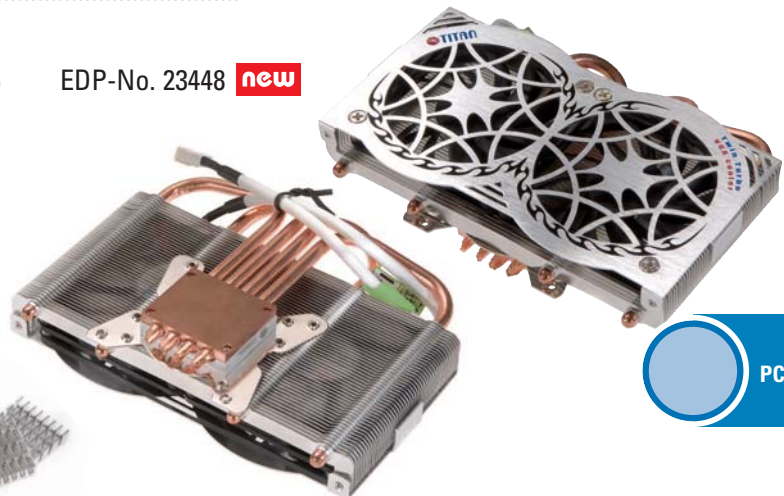## Case Components, Graphics Card Cooler

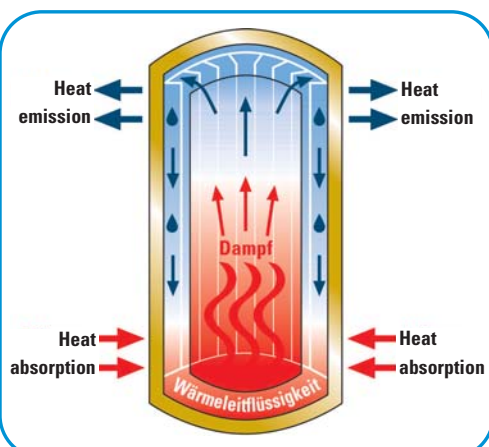### VGA COOL PIPE   ctn qty. 5   EDP-No. 23448 **new**

Universal heatpipe graphics card cooler for current GPUs

Powerful universal graphics card GPU cooler with heatpipe technology for current graphics cards with ATI and Nvidia Geforce chipsets.

- Heat sink with copper core
- Two super silent 70 mm fans
- With high performance liquid bearings (Z-axis bearing)
- With fastening material for different series
- With thermal compound
- Fixed speed: 2000 rpm
- Air flow: max. 52,7 m³/h
- Noise level: < 26.2 dBA
- Packaging: blister

VGA	2x 70 mm	52 m³/h	<26 dBA	Uni-versal	Memory		Oil Bearing	Easy Use	
Cooler	FAN Size	Airflow	Low Noise	Use	Cooler	Thermal Grease Included	Longlife	Easy Installation	Manual

PC Performance

Heatpipe

**designates a new effective and powerful heat transfer system for the IT sector.
A heatpipe can dissipate heat 100 times faster than a copper heat sink and 200 times faster that an aluminium heat sink.**

Function principle:
- The end of the copper heatpipe coming into contact with the CPU picks up the heat. The transfer medium inside the pipe starts to boil (the vacuum in a heatpipe results in a very low boiling point of the medium)
- The resulting vapour moves to the other end of the heatpipe. The vapourised medium condenses and turns liquid when it comes into contact with a cold source.
- The wick (capillaries on the heatpipe inside) picks up the coolant and transports it back to the initial point using capillary force. A closed circuit is thus formed.

Heat emission   Heat emission
Heat absorption   Heat absorption
Dampf
Wärmeleitflüssigkeit

* To find the right Vivanco CPU cooler, use the compatibility list in the present catalogue on pages 91 and 92!

PC Performance

Case Components, CPU Coolers

CPU Cool K7-N   ctn qty. 5   EDP-No. 23436
CPU cooler for AMD socket A (462) to 2.2 GHz

CPU cooler for AMD processors wit socket A (462), e.g. AMD Duron, Athlon (XP) A B C, Sempron.
Extra-strong cooler for modern high-performance processors with a frequency of up to 2200 MHz.

- Cooler block with copper core
- High-performance cooler 80 mm ball bearing mounted (3 pin Molex plug)
- Including heat-conducting paste and all the necessary accessories
- Fixed speed: 2350 rpm
- Throughput of air: max. 52 m³/h
- Noise level: < 28 dB
- Package: blister

80 mm	< 28	52			Easy
FAN Size	dBA	m³/h			Use
FAN Size	Low Noise	Airflow	Thermal Grease Included	Ball Bearing	Easy Installation

CPU Cool IP478   ctn qty. 5   EDP-No. 23437
CPU cooler for Intel P4 socket 478 up to 2.8 GHz

CPU cooler for socket 478 P4 CPUs, e.g. Intel P4, Celeron*.
Extra powerful cooler for current high-performance CPUs up to 2800 MHz clock frequency.

- Aluminium block
- High-performance 80 mm fan with ball bearing (3-pin Molex plug)
- With thermal compound and all required accessories
- Fixed speed: 3000 rpm
- Air flow: max. 65 m³/h
- Noise level: < 32 dB
- Packaging: blister

80 mm	< 32	65			Easy
dBA	m³/h				Use
FAN Size	Low Noise	Airflow	Thermal Grease Included	Ball Bearing	Easy Installation

new CPU COOL K8   ctn qty. 5   EDP-No. 23438
CPU cooler for AMD K8 (socket 754, 939, 940AM2)*

Extra powerful CPU cooler fur current AMD K8 high-performance CPUs*:
AMD Athlon 64 (socket 754, 939, 940 AM2 without Dual Core) and Sempron (socket 754),
Athlon 64 FX-51, FX-53 (socket 939,940), Athlon 64 X2 up to 4200+

- Powerful heatsink
- Super silent 80 mm fan
- With high performance liquid bearings (Z-axis bearing)
- With thermal compound and all required accessories
- Fixed speed: 2000 rpm
- Air flow: max. 42,73 m³/h
- Noise level: < 22.5 dBA
- Packaging: blister

80 mm	< 23	43		Oil	Easy
dBA	m³/h		Bearing	Use
FAN Size	Low Noise	Airflow	Thermal Grease Included	Longlife	Easy Installation

PC Performance

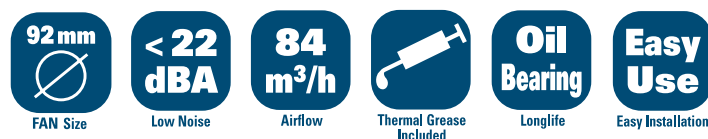## Case Components, CPU Coolers

CPU COOL IP 775 ctn qty. 5 EDP-No. 23439 **new**

CPU cooler for Intel socket 775:
Intel P4, all Celeron D-J, all Core 2 Duo, Core 2 extreme X6800 *

Extra powerful processor cooler fur current Intel high-performance CPUs*:Intel P4 E 3,20F / 520 / 530 /
540 / 550 (PRB=0 / 620 / 630 / 640, all Celeron D-J, all Core 2 Duo, Core 2 extreme X6800*

- Powerful heatsink
- Super silent 92 mm fan
- With high performance liquid bearings (Z-axis bearing)
- With thermal compound and all required accessories
- Adjustable speed: 1600 – 2000 rpm
- Air flow: max. 84,0 m³/h
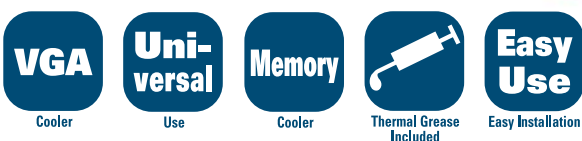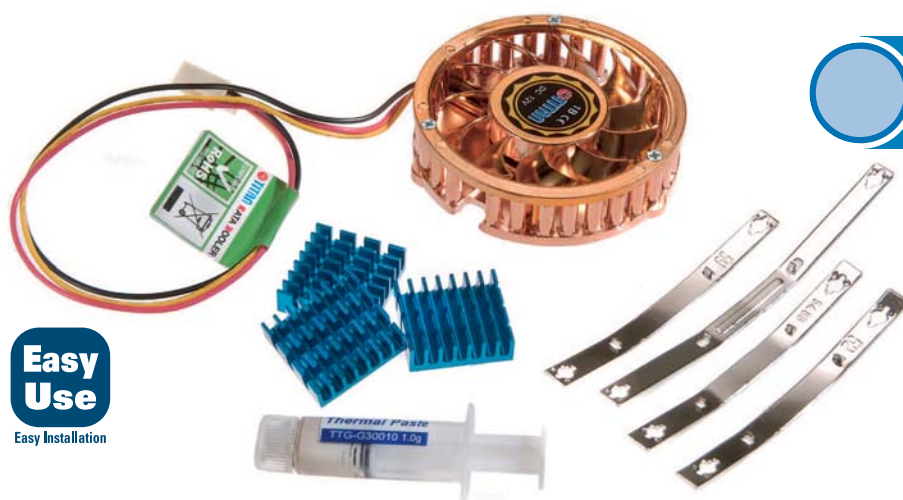- Noise level: < 22 dBA
- Packaging: blister

92 mm	< 22 dBA	84 m³/h		Oil Bearing	Easy Use
FAN Size	Low Noise	Airflow	Thermal Grease Included	Longlife	Easy Installation

VGA COOL ctn qty. 5 EDP-No. 23441 **new**

Universal graphics card GPU cooler for current graphics cards
with ATI and Nvidia Geforce chipsets.

- High-performance heat sink with copper core
- Super silent 50 mm fan with ball bearing
- With fastening material for different series
- With 8 self-adhesive aluminium heatsinks
  (e.g. for graphics card memory modules)
- With thermal compound
- Fixed speed: 4500 rpm
- Air flow: max. 17,43 m³/h
- Noise level: < 23 dBA
- Packaging: blister

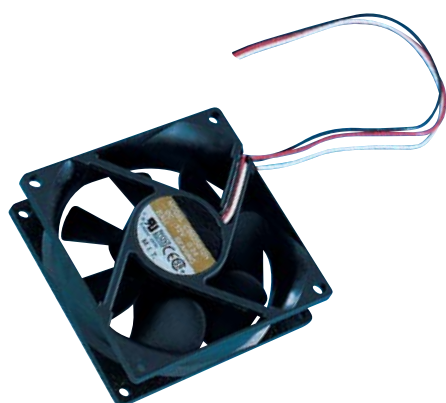| VGA	Uni-versal	Memory		Easy Use
Cooler	Use	Cooler	Thermal Grease Included	Easy Installation

PC Performance

* To find the right Vivanco CPU cooler, use the compatibility list in the present catalogue on pages 91 and 92!
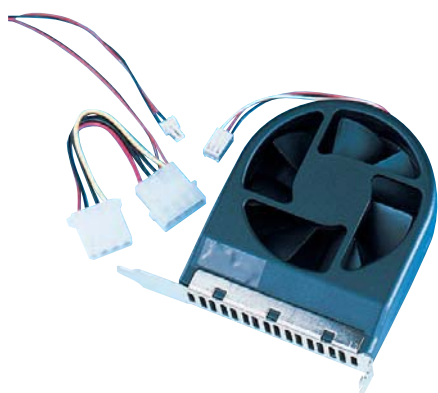
PC Performance

Case Components, Case Fans

CHASSIS COOL
ctn qty. 5   EDP-No. 23435

Universal Case Fan

- Universal size
- Low noise
- Aerodynamically optimised
- Dimensions: 80 x 80 x 25 mm
- Installation requires basic knowledge of electrics
- Also suited for other applications
- Package: blister

| **80 mm** FAN Size | **<23 dBA** Low Noise | **12 Volt** Input | Incl. Power Adapter | **4x** Screws Included | **Easy Use** Easy Installation |

SLOT COOL
ctn qty. 5   EDP-No. 23434

Case Cooler for Slot Installation

- Improves ventilation and cooling in crammed PC cases
- For installation in an empty slot on the PC rear
- Also suitable as additional fan for graphics adapters
- Integrated air duct
- Aerodynamically optimised
- Package: blister

| ISA/PCI Slot | **<28 dBA** Low Noise | **12 Volt** Input | Incl. Power Adapter | **Easy Use** Easy Installation |

Case Components

new

SCREW EXT
ctn qty. 5   EDP-No. 23445

PC screws KIT, 8 off

- 8 PC thumbscrews for standard PC cases
- Thumbscrews with Phillips recess
- Thread #6 – 32, length 10 mm
- Ideal for opening and closing PC cases without tools
- Packaging: blister

| **8x** Pieces | No Tools |

new

SCREW INT
ctn qty. 5   EDP-No. 23447

**PC screw set for internal components – drives
(DVD, CD and hard disk drives, 2 times 8 off)**

- 8 off each:
    - Philips screw, M3 thread, length 5.5 mm for drives (DVD, CDRW, DVDRW)
    - Pan head screw, thread #6 – 32, length 3.5 mm for hard disks
- Packaging: blister

| **2x 8** Pieces | For Hard Disk | For CD/DVD |

List of compatibility for Intel PIII and P4

Intel PIII

Socket	Code name	CPU	Frequency	Systembus (FSB)	L2/Cache	EDP-No. 23436 CPU COOL K7-N — Page 88	EDP-No. 23437 CPU COOL IP 478 — Page 88	EDP-No. 23438 CPU COOL K8 — Page 88	EDP-No. 23439 CPU COOL IP 775 — Page 89	EDP-No. 23440 CPU COOL PIPE — Page 87
370	Mendocino	Intel Celeron	233 ~ 533MHz	66MHz	128 KB	X				
370	Coppermine	Intel Celeron	533A ~ 766MHz	66MHz	128 KB	X				
370	Coppermine	Intel Celeron	800 ~ 1100MHz	100MHz	128 KB	X				
370	Coppermine	Intel PIII E	500 ~ 1100MHz	100MHz	256 KB	X				
370	Coppermine	Intel PIII EB	533 ~ 1133MHz	133MHz	256 KB	X				
370	Tualatin	Intel Celeron	1000 ~ 1400MHz	100MHz	256 KB	X				
370	Tualatin	Intel PIII	1000 ~ 1333MHz	133MHz	256 KB	X				
370	Tualatin	Intel PIII-S	1133 ~ 1400MHz	133MHz	512KB	X				

Intel P4

Socket	Code name	CPU	Frequency	Systembus (FSB)	L2/Cache	K7-N — Page 88	IP 478 — Page 88	K8 — Page 88	IP 775 — Page 89	PIPE — Page 87
478	Willamette	Intel Celeron	1600 ~ 1800MHz	400MHz (4x100MHz)	256 KB		X			
478	Northwood	Intel Celeron	2000 ~ 2200MHz	400MHz (3x133MHz)	512KB		X			
478	Northwood	Intel Celeron	2300 ~ 2800MHz	400MHz (3x133MHz)	512KB		X			
478	Willamette	Intel P4 no HT	1700 ~ 2000MHz	400MHz (4x100MHz)	256 KB		X			
478	Northwood	Intel P4 no HT	1800 ~ 2600MHz	400MHz (4x100MHz)	512KB		X			
478	Northwood	Intel P4 no HT	2266 ~ 2800MHz	533MHz (4x133MHz)	512KB		X			
775	Gallatin	Intel P4 EE 3.4G	3400MHz	800MHz	512KB(L2) / 2MB(L3)			X	X	
775	Gallatin	Intel P4 EE 3.6G	3600MHz	1066MHz	512KB(L2) / 2MB(L3)			X	X	
775	Prescott	Intel P4 EE 3.73G	3700MHz	1066MHz	2MB				X	X
775	Smithfield	Intel P4 EE 840	3200MHz	1066MHz	1x2MB					X
775	Presler	Intel P4 EE 955	3400MHz	1066MHz	2x2MB					X
775	Presler	Intel P4 EE 965	3700MHz	1066MHz	2x2MB					X
775	Prescott	Intel P4 E (3,20F) *PRB=0	3200MHz	800MHz	1MB				X	X
775	Prescott	Intel P4 E (3,40F, 3,60F, 3,80F) *PRB=1	3400 ~ 3800MHz	800MHz	1MB				X	X
775	Prescott	Intel P4 E (520/530/540/550) *PRB=0	2800 ~ 3400MHz	800MHz (4x200MHZ)	1024KB				X	X
775	Prescott	Intel P4 E (550/560/570) *PRB=1	3400 ~ 3800MHz	800MHz (4x200MHZ)	1024KB				X	X
775	Prescott	Intel P4 E (620/630/640)	2800 ~ 3200MHz	800MHz (4x200MHZ)	2048KB				X	X
775	Prescott	Intel P4 E (650/660/670)	3400 ~ 3800MHz	800MHz (4x200MHZ)	2048KB				X	X
775	Prescott	Intel Celeron D-J (325J/330J/335J/340J)	2530 ~ 2930MHz	533MHz	256 KB				X	X
775	Prescott	Intel Celeron D-J (345J)	3060MHz	533MHz	256 KB				X	X
775	Prescott	Intel Celeron D-J (350J)	3200MHz	533MHz	256 KB				X	X
775	Dual core	Intel Pentium D 805	2600MHz	533MHz	2X1MB				X	X
775	Dual core	Intel Pentium D 820	2800MHz	800MHz	2X1MB				X	X
775	Dual core	Intel Pentium D 830	3000MHz	800MHz	2X1MB					X
775	Dual core	Intel Pentium D 840	3200MHz	800MHz	2X1MB					X
775	Dual core	Intel Pentium D 915	2800MHz	800MHz	2X2MB				X	X
775	Dual core	Intel Pentium D 920	2800MHz	800MHz	2X2MB				X	X
775	Dual core	Intel Pentium D 930	3000MHz	800MHz	2X2MB				X	X
775	Dual core	Intel Pentium D 940	3200MHz	800MHz	2X2MB					X
775	Dual core	Intel Pentium D 945	3400MHz	800MHz	2X2MB				X	X
775	Dual core	Intel Pentium D 950	3400MHz	800MHz	2X2MB					X
775	Dual core	Intel Pentium D 960	3600MHz	800MHz	2X2MB					X
775	Core 2 Duo	E4300	1800MHz	1066MHz	2MB				X	X
775	Core 2 Duo	E6300	1800MHz	1066MHz	2MB				X	X
775	Core 2 Duo	E6400	2100MHz	1066MHz	2MB				X	X
775	Core 2 Duo	E6600	2400MHz	1066MHz	4MB				X	X
775	Core 2 Quad	Q6600	2400MHz	1066MHz	8MB				X	X
775	Core 2 Duo	E6700	2600MHz	1066MHz	4MB				X	X
775	Core 2 Extreme	QX6700	2600MHz	1066MHz	8MB					X
775	Core 2 Extreme	X6800	3000MHz	1066MHz	4MB				X	X
775	Core 2 Extreme	QX6800	2930MHz	1066MHz	8MB					X

List of compatibility for AMD K7 and K8

AMD K7

Socket	Code name	CPU	Frequency	Systembus (FSB)	L2/Cache	EDP-No. 23436 CPU COOL K7-N Page 88	EDP-No. 23437 CPU COOL IP 478 Page 88	EDP-No. 23438 CPU COOL K8 Page 88	EDP-No. 23439 CPU COOL IP 775 Page 89	EDP-No. 23440 CPU COOL PIPE Page 87
A (462)	Spitfire	AMD Duron	550 ~ 950MHz	200MHz	64 KB	X				
A (462)	Morgan	AMD Duron	900 ~ 1300MHz	200MHz	64 KB	X				
A (462)	Thunderbird	AMD Athlon "B"	650 ~ 1400MHz	200MHz	256 KB	X				
A (462)	Thunderbird	AMD Athlon "C"	900 ~ 1400MHz	266MHz	256 KB	X				
A (462)	Palomino	AMD Athlon XP (1500+ ~ 2100+)	1333 ~ 1733MHz	266MHz	256 KB	X				
A (462)	Thoroughbred	AMD Athlon XP "A" (1700+ ~ 2100+)	1467 ~ 1733MHz	266MHz	256 KB	X				
A (462)	Thoroughbred	AMD Athlon XP "B" (1700+ ~ 2600+)	1467 ~ 2133MHz	266MHz	256 KB	X				
A (462)	Thoroughbred	AMD Athlon XP "B" (2700+ ~ 2800+)	2167 ~2250MHz	266MHz	256 KB	X				
A (462)	Barton	AMD Athlon XP (2500+ ~ 3000+)	1833 ~ 2167MHz	333MHz	512KB	X				
A (462)	Barton	AMD Athlon XP (3000+ ~ 3200+)	2100 ~ 2200MHz	400MHz	512KB	X				
A (462)	Applebred	AMD Duron	1400 ~ 1800MHz	266MHz	64 KB	X				
A (462)	Thorton	AMD Athlon XP	2000+ ~ 2400+	266MHz	256 KB	X				
A (462)	Thoroughbred B	AMD Sempron (2200+ ~ 3000+)	1500 ~ 2000MHz	333MHz	256 KB	X				
A (462)	Barton	AMD Sempron 3000+	2000MHz	333MHz	256 KB	X				

AMD K8

Socket	Code name	CPU	Frequency	Systembus (FSB)	L2/Cache	Page 88	Page 88	Page 88	Page 89	Page 87
754	Claw Hammer	AMD Athlon 64 (2800+)	1800MHz	800MHz	512KB			X		X
754	Claw Hammer	AMD Athlon 64 (3000+)	2000MHz	800MHz	512KB/1MB			X		X
754	Claw Hammer	AMD Athlon 64 (3200+)	2000MHz	800MHz	1MB			X		X
754	Claw Hammer	AMD Athlon 64 (3200+)	2200MHz	800MHz	512KB			X		X
754	Claw Hammer	AMD Athlon 64 (3400+)	2200MHz	800MHz	1MB			X		X
754	Claw Hammer	AMD Athlon 64 (3500+)	2200MHz	800MHz	512KB			X		X
754	Claw Hammer	AMD Athlon 64 (3700+)	2400MHz	800MHz	1MB			X		X
754	Claw Hammer	AMD Athlon 64 (3800+)	2400MHz	800MHz	512KB			X		X
754	Claw Hammer	AMD Athlon 64 (4000+)	2400MHz	800MHz	1024KB			X		X
754	Newcastle	AMD Athlon 64 (2800+ ~ 3400+)	2200MHz	800MHz	512KB			X		X
754	Paris	AMD Sempron (3000+, 3100+), with HT	1800MHz	800MHz	256 KB			X		X
754	Palermo	AMD Sempron (3100+)	1800MHz	800MHz	256 KB			X		X
939	Claw Hammer	AMD Athlon 64 (4000+)	2400MHz	1000MHz ?	1MB					X
939	Newcastle	AMD Athlon 64 (3000+ ~ 3200+)	1800 ~ 2000MHz	800MHz	512KB					X
939	Newcastle	AMD Athlon 64 (3400+)	2200MHz	800MHz	512KB					X
939	Newcastle	AMD Athlon 64 (3500+ ~ 3800+)	2200 ~ 2400MHz	800MHz	512KB					X
939	Winchester	AMD Athlon 64 (3000+ ~ 3500+)	1800 ~ 2200MHz	1000MHz	512KB					X
939	Claw Hammer	AMD Athlon 64 FX (-53)	2400MHz	800MHz	1024KB					X
939	Claw Hammer	AMD Athlon 64 FX (-55)	2600MHz	1000MHz	1024KB					X
940	Sledge Hammer	AMD Athlon 64 FX (-51/-53)	2200 / 2400MHz	800MHz	1024KB					X
939	Dual-core	AMD Athlon 64 X2 Dual-core3800+	2000Mhz	2000MHz	512KB					X
939	Dual-core	AMD Athlon 64 X2 Dual-core4200+	2200Mhz	2000MHz	512KB					X
939	Dual-core	AMD Athlon 64 X2 Dual-core4400+	2200Mhz	2000MHz	1024KB					X
939	Dual-core	AMD Athlon 64 X2 Dual-core4600+	2400Mhz	2000MHz	512KB					X
939	Dual-core	AMD Athlon 64 X2 Dual-core4800+	2400Mhz	2000MHz	1024KB					X
940 AM2	Dual-core	FX-62			1024*2 KB					X
941 AM2	Dual-core	AMD Athlon 64 X2 6000+		2800MHz	1*2 MB					X
942 AM2	Dual-core	AMD Athlon 64 X2 5600+		2800MHz	1*2 MB					X
943 AM2	Dual-core	AMD Athlon 64 X2 5400+		2800MHz	512*2 KB					X
944 AM2	Dual-core	AMD Athlon 64 X2 5200+		2600MHz	1*2 MB					X
940 AM2	Dual-core	AMD Athlon 64 X2 5000+		2600MHz	512*2 KB					X
940 AM2	Dual-core	AMD Athlon 64 X2 4800+			512*2 KB					X
940 AM2	Dual-core	AMD Athlon 64 X2 4600+		2400MHz	512*2 KB					X
940 AM2	Dual-core	AMD Athlon 64 X2 4400+			512*2 KB					X
940 AM2	Dual-core	AMD Athlon 64 X2 4200+			512*2 KB					X
940 AM2	Dual-core	AMD Athlon 64 X2 4000+			512*2 KB					X
940 AM2	Dual-core	AMD Athlon 64 X2 3800+		2000MHz	512*2 KB					X
940 AM2	Dual-core	AMD Athlon 64 3800+		2000MHz	512KB			X		X
940 AM2	Dual-core	AMD Athlon 64 3500+		2000MHz	512KB			X		X
940 AM2	Dual-core	AMD Athlon 64 3200+		2000MHz	512KB			X		X
940 AM2	Dual-core	AMD Athlon 64 3000+		2000MHz	512KB			X		X
940 AM2	Dual-core	AMD Sempron 3600+		2000MHz	256KB			X		X

Keyword index

Others

Quick Finder

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12105	CD BOX Double	29
12121	CD BOX II	29
12142	CPS 30	31
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12272	USB2 NET	72
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17197	USB2 N-LINK	74
18808	NBK 10KEY	58
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20378	NBK BAG 15	53
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21243	LN 55415	36
21245	LN 55494	36
21279	USB2 EXT	73
21324	RW 30-1 PCC	85
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21342	VGA CAM SLIM	61
21344	PRO SP250 THO	17
21360	LN 84125	35
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